



FLYPAPER

EAA Chapter 18, Milwaukee, WI

Year 56, March 2017

<http://18eaachapter.org>

HEADLINES!

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**Only 18
Weeks to
Oshkosh!**



Young Eagles Program Celebrates 25th Anniversary

What started in 1992 as a program to introduce kids to flight has evolved into an aviation movement powered by the world's largest volunteer air force. The EAA Young Eagles program is celebrating its 25th anniversary in 2017. The program had an initial goal of flying 1 million young people by the 100th anniversary of powered flight in December 2003, and has exceeded all expectations by flying the 2 millionth Young Eagle in September of 2016. Young Eagles have been registered in more than 90 different countries and have been flown by more than 50,000 volunteer pilots. Young Eagles flights have been flown by EAA-member pilots in aircraft ranging from hot air balloons to corporate jets, and on every continent except Antarctica. The program has also brought aviation to youth in all socio-economic groups, including Native American tribes in the southwestern U.S. and inner city youth through an association with the famed Tuskegee Airmen of World War II.



Chapter 18

As a vibrant participant in the Young Eagles program, Chapter 18 provides a real world introduction to aviation. Chapter pilots provide up close, hands on, experiences to young people who fly in light aircraft just a few thousand feet above our beautiful Wisconsin landscape. As we all know, experiencing flight in this manner is quite different than being launched in a commercial jet. We also have a number of pilots and mechanics around the chapter that are also available to talk with the kids about aviation and aviation related careers.

The Young Eagle flight is the first step in a five step program: 1) Young Eagle Flight, 2) EAA student membership, 3) Sporty's Learn-to-Fly online course, 4) First Flight Lesson, 5) Scholarships for continued education. The Young Eagle program can be a path for youth, from first flight to licensed pilot.

PROJECTS



Destination AirVenture — A Breezy Flight to Oshkosh

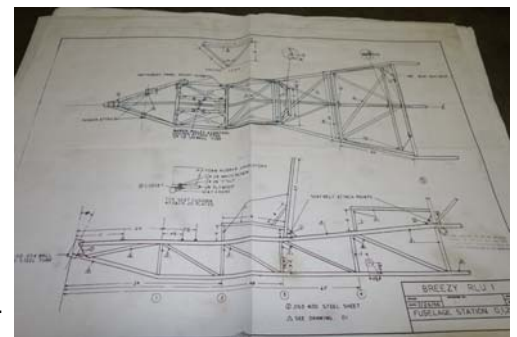
A visitor to Jeff Point's hangar moves around his well-crafted RV to find an interesting tube and fabric creation being prepared for flight. The project is a high wing, steel tube, Breezy, designed by Chuck



Roloff, Carl Unger and Bob Liposky. According to EAA archives, the Breezy made its first appearance at the EAA Fly-In at Rockford, Illinois in 1965 and was an instant hit, providing "... rides from morning until night, with people always clamoring for more." "Charley's design and Carl's construction proved to create a very popular airplane with home builders. More than 1000 sets of plans were sold to builders over the years, but there is no way of knowing how many were actually constructed and flown." Well, there is an excellent example of a Breezy being created in East Troy, and the goal is to have it fly to AirVenture in Oshkosh this summer.

How do you move from an RV to a Breezy? According to Jeff, you scratch the itch. "I already had my RV here, which is a nice, go-fast...you can go places. It's a fun flying airplane. But after being without a project for a few years you just kind of get the itch to build something again. I was looking for something that was just the complete opposite of what I had, low and slow, open cockpit, and it doesn't get a whole lot more low and slow than this....200 feet at about 60 mph is about the sweet spot for a Breezy."

The project activity is a nice change for Jeff. "Tube and fabric was appealing, just to do something different." And it is not without the interesting challenges faced by homebuilders. "Blueprints for the RV designs, and even most other designs, they're very detailed, they're thorough, every dimension is there. When Carl, and the original guys built this thing, they didn't have drawings. Carl told the story, "Hell, we didn't think anyone would want to fly in one of these, let alone build one." Eventually, when people started pestering them for blueprints so they could build one, they had to go back and engineer, measure, and reverse engineer their own designs. So the plans are, shall we say, a little sparse.....It's all there, but there are plenty of places you gotta do a little head scratching, and figuring, and sometimes the dimensions don't quite add up.....this plus this plus that, doesn't quite equal up to that.....so there is definitely some head scratching involved."



At the time of the visit, Jeff had recently completed the implementation of the control cables. The "sparse" documentation provided another "opportunity" for the builder. "Yesterday's project was running these control cables."

PROJECTS CONT.



“A simple little thing just to move the throttle back and forth, the thing goes back and forth, same with the mixture and the carburetor heat. But there’s nothing at all on the drawings. The basic fuselage is all there, but as far as systems, there is absolutely nothing, so you’re left to your own devices to figure all of this stuff out.” The next task on the list was to install a newly delivered ELT.



Jeff is an advocate of the EAA SportAir Workshops. During this project he took the opportunity to participate in the Fabric Covering and Gas Welding courses. He used oxyacetylene welding techniques on the frame, and, on the advice of a fellow chapter member, he used Stewart Systems products for the covering.



How does it all get done? The mantra is that it’s not a single giant project, but a series of many, many smaller projects. Something has to get done every day. According to Jeff, “It’s like exercising, when you’re in the habit of doing it every day it’s very easy to just keep doing it. And when you’re in the habit of not doing it, it’s very easy to stay away from the project. Next thing you know it’s been a month”

This project has a connection to EAA history. The Continental O-200 mounted on Jeff Point’s Breezy comes out of Ron Scott’s Ol’ Ironsides. Scott’s plane was the first example of a build using wood construction with stressed fiberglass panel construction. Ironsides first flew on 22 November 1969 with a Continental C-85 engine sourced from a Cessna 140. In 1985 the prototype aircraft was restored and re-engined with a Continental O-200. Unfortunately, there was a landing incident with the aircraft that ultimately made the engine available to Jeff. “I needed an engine for this thing, so I made Ol’ Scotty an offer....and bought the engine. Obviously, it had been through a prop strike so I tore it apart, major overhauled it, made a few mods...high compression pistons, after-market cam, little things that we can do to engines in the experimental category. This may be the first O-200 in history to ever actually make 100hp” Jeff received assistance with the motor from Dave Hedgecock. “He’s forgotten more about engines than any of us are ever going to know.” Jeff plans to number his Breezy, 1879B, which is homage to Ol’ Ironsides, which was N1879.



There are 18 weeks until AirVenture. Stay tuned for the announcement of a wing hanging party in East Troy. Soon after that, it’s all low and slow for Jeff Point.



CALENDAR OF EVENTS

EAA Chapter 18 Meeting

Tuesday, March 28th 7:30 p.m.

Timmerman Airport CAP Hanger. 9393 W. Appleton Ave. Milwaukee

Monthly meetings are usually the 4th Tuesday of the month at 7:30 PM at the Timmerman CAP hangar (except October and December). Guests are always welcome to join us.

April Fools Fly-In

Saturday, April 1 9:30 AM — 2:00 PM

KUNU Juneau Wisconsin

Contact: Kevin Lienke/ Luke Lachendro Phone: 920-344-5152

EAA Sun-N-Fun

April 4-April 9

Lakeland, Florida (KLAL)

Chapter 18 Project Patrol

Saturday, April 8 8:00 a.m.

2820 N Grandview Blvd, Pewaukee

<http://www.springcityrestaurant.com>.

Contact: Jeff Point jpoint@wi.rr.com

Chapter 1158 Navigation Mission Challenge

Saturday, May 13 9:00 a.m.

West Bend Airport (KETB)

<http://www.1158.eaachapter.org/navigationchallenge17.htm>

Oshkosh Fly-In Monday July 24th—Sunday July 30th 2017

Oshkosh, WI (KOSH)

JOIN CHAPTER 18 TODAY! Still considered the “best deal in aviation” by Chapter 18 former president Jeff Point. Fill out the info below and give it to our membership coordinator Glenn Botsford at the next meeting. (Annual Dues are \$10, plus \$5 for name plate)

Name: _____

Address: _____

Phone: _____

Email: _____



CHAPTER 18 MEETING MINUTES-SECRETARY JIM HATZENBELLER

CHAPTER BOARD MINUTES-SECRETARY JIM HATZENBELLER

Chapter 18 February Meeting Minutes

The January meeting was called to order by President Tim Meyer at 7:35 PM at the CAP Hangar at Timmerman Field.

Program: Guests were asked to introduce themselves and 3 people did so. Hops & Props will take place at the EAA Museum on March 4th. The spring Chapter picnic is scheduled for April 29th and will again be hosted by Dave Hoefgen at his hangar located at the Palmyra airport. The first Saturday of every month, EAA Chapter 1158, West Bend, holds a pancake breakfast. On the 2nd Saturday of the month, Spring City Aviation, based at Timmerman Field will host a pancake breakfast.

Building & Flying Reports: Chris Esselstyn reported on buying a damaged and salvaged race sailplane which he plans to rebuild. This one will also have twin turbines as his previous sailplane. Jeff Point reported that he is into final assembly of his Breezy project. The engine is mounted and he is working on electrical systems and brakes. Fred Keip reported on construction of a single seat Ultra Pup. He has the fuselage all tack welded. He also reported on buying back his Wag-A-Bond which he sold a few years ago and is still uncompleted. Andreas Kerwel reported that he is replacing the Corvette engine in his RV-10 with a Lycoming engine. Tim Meyer reported that he is still working on doors on his Team Tango Foxtrot IV. Al Merchdorf reported on flying over some local lakes to see the ice cover, or what little was left of it. Greg Allman reported that he and Sune Ericson flew their GlaStar's to Reedsburg for lunch. Greg is still working on his homebuilt Stratux unit. Nick Heffron reported on flying with Mark McDonald and getting Mark current again.

Young Eagles: Stephanie and Dennis Schulko reported that a schedule is being worked on at this time. We also have \$1295 in Young Eagle credits. They are now accepting applications to Air Academy. Deadline to submit an application is March 31. .

Building & Flying Reports: Jim Rodrian reported that there was insufficient clearance between the engine and cowling on his Defiant. He is repairing and repainted this area. Jeff Point reported that he has finished painting his Breezy project. He also reported that he has a new spray gun for sale. Fred Keip reported on construction of a single seat Ultra Pup. He has the legs, horizontal stabilizer, elevator and rudder finished. He is now ready to start on the fuselage. Jeff Runnels reports that he has his RV-7 on the gear and is pulling wires. He is also ready to mount the engine. Dave Dunn reported that he has new windows in his Cherokee. He also has new lights and a new interior. Jeff Badding reported that he received his airworthiness certificate in December for his RV12. He conducted his first flight in January.

New Business: Due to the timing of AirVenture this year, the July Chapter meeting will be held on the 3rd Tuesday of the month which is July 18th. Project Patrol will take place in early April. The date and projects will be e-mailed to Chapter members as well as in the newsletter. Chapter 1158, West Bend, plans to host its 2nd annual Navigation Challenge on May 13th. They also plan to conduct their annual Air Camp, which is an 8 day daily event. Begins on June 19th and concludes on June 26th.

Program: Break was taken and then followed by presentation of the EAA monthly video magazine.

The minutes from the January meeting were approved as published in the newsletter. The treasurer's report was approved as published. Meeting was adjourned at 8:45 p.m.

Chapter 18 February Board Meeting Minutes

The February Board meeting was called to order at 6:35 by President Tim Meyer at the CAP hangar at Timmerman Field. Jim Hatzenbeller, Bill Stilley, Tim Meyer, Glenn Botsford, Jeff Wisneski, Mike Kwiatkowski, Dave Hoefgen, Fred Keip and Clint Hanson were present.

Announcements: Tim reported on attending a Chapter leadership conference. He also reported on the upcoming Hop & props event at EAA headquarters. The first Saturday of every month, EAA Chapter 1158, West Bend, holds a pancake breakfast. On the 2nd Saturday of the month, Spring City Aviation, based at Timmerman Field will host a pancake breakfast. Fred reported on buying back his Wag-A-Bond which he sold a few years ago and it is still uncompleted.

Old Business: The spring Chapter picnic is scheduled for April 29th and will be hosted by Dave Hoefgen at his hangar located at the Palmyra airport

Young Eagles: No report

New Business: Clint reported that he is working a Chapter program regarding medical flights. Due to the timing of AirVenture this year, the July Chapter meeting will be held on the 3rd Tuesday of the month which is July 18th. Project Patrol will take place in early April. The date and projects will be e-mailed to Chapter members as well as in the newsletter.

Minutes were approved as published in the Chapter newsletter. The Treasurer's report was approved as published in the newsletter. Meeting adjourned at 7:25.

CLASSIFIED ADS HEADLINES! CONTINUED



MEMBER CLASSIFIEDS

FOR SALE, RENT or LOAN

- **Space Needed**

My projects have to move from California to Milwaukee with me. That means I need some space to work. I am looking for shop or hangar space to accommodate a Mini Moke and a Cozy. I'm a great tenant!!

Call Thaddeus at 415.852.0476 if you want to rent or sell some space.

- **Aircraft painting**

Need your project/ Baby painted?

Fly it in, or bring it in pieces to my hangar at Poplar Grove airport and get a great paint job for a great price!!!

For your aluminum airplane we will use the PPG base-coat-clear-coat system for any colors you have ever seen on an automobile. It is a proven system for airplanes and produces stunning results.

For fabric covered airplanes we are practiced in Stits, Air Tech and Randolf.

For complex graphics that include swoops, weaves, waves etc., we work with Aero Graphics to produce perfect designs and symmetry.

Give me a call and we can discuss your needs.

Jim Kidd 414-617-5250 jkidd@geotacticalsolutions.com

- **Hanger Space For Rent**

I am building a Zenith CH-200 in a 60' x 66' hangar at KUES on Aviation Dr. with heated floor, compressor, water, sewer and kitchen. I am looking for fellow builders to share space, ideas, tools and synergy. Cost based on the square footage your project needs.

Carl Gollnick (262) 391-4168 cgollnick@aol.com

To submit items here, send an email to Thaddeus Pinkoski, thaddeus@blowndice.com



PROJECT PATROL !!!

The Chapter 18 Project Patrol will commence on Saturday April 8.

8:00 a.m. at the Spring City Restaurant

2820 N Grandview Blvd, Pewaukee, WI 53072,
<http://www.springcityrestaurant.com>.

First stop of the Convoy will be Chris Esselstyn's house, and the team will have the opportunity to see his new jet sailplane project. The Patrol then moves to Menomonee Falls to visit Jeff Romould's RV-7 project. The final stop is Hubertus to visit Clint Hanson's RV-10.



TREASURER REPORT-TREASURER GLENN BOTSFORD

February 2017	Checking	Savings	Total	Paid Membership
Beginning Balance	\$1,103.87	\$1,010.67	\$2114.54	72
Income				
Dues	\$90.00			
Name Tags	\$10.00			
Donations	\$5.00			
Coffee	18.00			
Total Income	\$123.00	\$0.00		
Expenses				
Total Expenses	\$0.00	\$0.00		
Ending Balance	\$1,226.87	\$1,010.67	\$2,237.54	

Chapter 18 Apparel



Chapter 18 Apparel is on sale now. T-Shirts, Hats, Coffee Mugs, and much, much more. Order anytime and no minimums. Each purchase will help to support the chapter.
www.cafepress.com/EAAChapter18

Project Stories Wanted

The NewsLetter staff is looking to include stories about your project in FlyPaper. If you are in the middle of a build, and you'd like to share your story, contact Thaddeus Pinkoski, thaddeus@blowndice.com



CHAPTER 18 CONTACTS

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For more information about EAA Chapter 18, email info@eaachapter18.org

To submit articles, photos or other items for the newsletter as well as ideas, suggestions and corrections, contact:
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