



FLYPAPER

EAA Chapter 18, Milwaukee, WI

Year 54, May 2015

<http://eaachapter18.org>

HEADLINES!

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Come on out to the Chapter 18 meeting this Tuesday to hear an extended builders report by Bill Stilley on his KitFox.

And don't forget about the chapter 18 Spring picnic this coming Saturday. Details on page 3.

Video Shows TBM Emergency Landing During 'Arsenal' Flyover

From eaa.org



By all accounts, the Arsenal of Democracy (AOD) flyover on May 8 in Washington, D.C., was spectacular and safe event. One incident occurred, however, after a pinhole leak in a TBM Avenger's hydraulic line required the pilot to break off and divert from the planned flight path and make an emergency landing at Reagan National Airport (DCA). This week a video shot from inside the cockpit was posted to YouTube, taking viewers through the incident with pilot Josh Wilson.

Wilson, who had two passengers in the TBM, noted that "hydraulic fluid forced from a pinhole at 1,500 psi vaporizes and is identical in appearance and motion to smoke." From detection to landing took about 44 seconds, but Wilson wrote it felt like 10 minutes.

Wilson also critiques his own performance during the emergency and also shares some valuable tips for all pilots, such as the need for a detailed comm plan with passengers preflight, "specifically when and how to coordinate communications breaks so I can maintain SA (situational awareness) in the cockpit."

EAA's Sean Elliott, fellow AOD fly over pilot of EAA's B-17 Aluminum Overcast, was impressed with Wilson's professional airmanship in the emergency. "Josh did a great job in making clear and concise decisions that were very much in line with the fly-over briefing given earlier that day," Elliot said. "He handled the whole situation in a very professional manner and certainly is a credit to the Warbird pilot community."

Watch the 7 minute video here <https://www.youtube.com/watch?v=HkvcwXqBJDQ>

Be prepared to pause when the commentary shows. It's only up for a few seconds.



PROJECT PATROL



On March 28th, about 30 members and acquaintances all gathered at the Gristmill in East Troy for breakfast. We practically took over the entire restaurant on this otherwise sleepy Saturday morning. After eating, we all headed over to East Troy airport to have a look at Jeff Point's Breezy and then over to Tom Stranak's RV-7. After that, we all headed to Brookfield to see Andreas Kerwel's RV-10. Over the next 3 months, I will be highlighting each project with a few pictures and a little information on it. Andreas is up this month with his very unique RV-10. It's not his goal, but he may be building the fastest RV-10 yet.



What is it?

Van's RV-10 and started building March 2012. I bought the project in a quick build stage from a gentleman who unfortunately lost his medical.

First flight schedule

I plan on flying at the end of this summer, maybe?

Where built

It was mainly built in my 2 car garage at home.



Engine / prop

It has a GM LS-7 engine with an Auto PSRU reduction drive and a 2-bladed Whirlwind Aviation composite prop.

Avionics

I installed a dual Dynon SkyView Touch with a Garmin GTN 650 Navigator and a GRT Mini X as a backup. The Mini X has the mapping option and has a synthetic approach capability. The avionics suite includes a Dynon radio, Dynon remote transponder and a Dynon auto pilot with wing leveling button and auto-trim. It also has the Dynon ADSB unit. The electrical system consists of a Vertical Power VP-X pro and a fused backup for major avionics. The engine bus is separate and fused.



To see a short video of the first engine run, click here <https://www.youtube.com/watch?v=g0zvWD-WGVU>



CALENDAR OF EVENTS

EAA Chapter 18 Meeting

Tuesday May 26th at the Timmerman Airport CAP Hanger 9393 W. Appleton Ave. Milwaukee

Monthly meetings are always 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.

Chapter 18 **Spring Picnic** is scheduled for Saturday May 30th. It will be hosted by Dave Hoefgen at his hangar at Palmyra Airport. Sometime around 11:00 am.

May 2015						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

June 2015						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				



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: _____

CALENDAR OF EVENTS CONTINUED MORE NEWS



Chapter 18 Young Eagle dates for 2015

June 13 - Capitol - 10:00 a.m. to 1:00 p.m.
 August 15 - Capitol - 10:00 a.m. to 1:00 p.m.
 September 19 - Timmerman - 12:00 p.m. to 3:00 p.m.

October 10 - Capitol - 12:00 p.m. to 3:00 p.m.
 November 7 - Waukesha - 12:00 p.m. to 3:00 p.m.

EAA Chapter 18 Tool Library

Item	Tool Description
1	Electronic Scales w/ Ramps
2	HobbyAir Fresh Air Supply
3	Croix CX-10 HVLP Paint Spray Outfit
4	Nicopress Tool w/ Gauge
5	Cable Cutter
6	1/4" Tubing Bender
7	3/8" Tubing Bender
8	Safety Wire Pliers
9	Instrument Hole Punch w/ Template
10	Pinking Shears
11	Fluting Pliers
12	Roper Whitney Punch
13	Prop-Tach Optical Tachometer
14	Nibbling Tool
15	Pneumatic Pop Rivet Puller
16	Video Transfer Outfit
17	Differential Compression Tester
18	Metal Shrinker
19	Metal Stretcher
20	37 Degree Flaring Tool
21	Dzus Installation Tool Kit
22	CHT & Carb Temp Tester w/ Probes
23	Top-Dead-Center Finder
24	Starrett Dial Indicator w/ Attachments
25	Dial Indicator Set (4 each)
26	Iron for Fabric Covering
27	Hand Rivet Squeezer & Dies
28	Panel Planner Software
29	Maule Fabric Tester
30	Engine Hoist
31	Magneto Timing Light
32	Brake Riveting Tool
33	Electric Cable Terminal Crimper
34	N720DS (RV-4) Construction Slides
35	Boroscope
36	Boroscope
37	
38	

I am happy to announce that former chapter member Mr. Gordon Putney donated the following tools:

- Hobby Aire Personal Respirator
- OEM 37° Flaring Tool
- Rapco Brake Rivet Tool
- Brake Lining & Gen Rivet Set

Former Chapter Board Member Andy Laures also donated the following tools to our library:

- Rivet and Dimpling Tool (C-frame)
- Bender Brake for Sheet Metal 36"

Thanks again

Andreas Kerwel

Contact Andreas Kerwel at 414-3439529 or andreas.kerwel@gmail.com for any of the tools. (Note: You must be a current chapter member to use the tools.)



CHAPTER 18 MEETING MINUTES-SECRETARY JIM HATZENBELLER
CHAPTER BOARD MINUTES-SECRETARY JIM HATZENBELLER

Chapter 18 Minutes from the April "2015" Meeting

The April meeting was called to order by President Eric Whyte at 7:35 PM at the CAP Hangar at Timmerman Field.

Announcements: A history of EAA will be presented by the Hales Corners Chamber of Commerce. Event will take place on April 29th. It was announced that Dave Hoefgen's chickens are now laying eggs again for members to purchase. Cost is \$3 a dozen with money going to the Chapter. There were no guests at the meeting.

Building & Flying Reports: Jeff Point reported that he has the airframe disassembled for his Breezy project. The tail section has been sandblasted, painted and covered. He is using the Stewart system for covering. It is water based and he highly recommends it's use. Mark Matelski reported that he has formed the leading edge skins and is gluing ribs to the spars on his Hatz classic. Chris Esselstyn reported that the weight and balance has been completed for his HP18J glider project. In addition, he reports that he has conducted a trial run of the turbine engines on a test stand. Andreas Kerwel reports that he has the prop mounted and has conducted a trial run of the Corvette engine in his RV-10A. Bill Stilley reported that he has conducted a test run of the 105HP Rotax engine in his KitFox. Tim Meyer reported that he is working with glass and resin on his Team Tango Foxtrot IV project He is putting on 1 layer at a time and is 7/16 done. Fred Keip reported on doing his flight review in a Piper clipper 160. He has also completed the annual on his Sonerai. Dave Hoefgen reported on flying in his RV-10 with Louie Krueger to Nashville for the NRA convention. On this long cross country, he was able to get many instruments calibrated during flight. He now has over 100 hours on his plane. Lincoln Davis reported on flying to Sun & Fun in an RV4. Chris Esselstyn reported that he was able to fly in a glider from Hartford to near the shore line of Lake Michigan and was able to fly for about 2 1/2 hours. Jim Kidd is ready to schedule the inspection of his SkyBolt.

Young Eagles: There will be a Young Eagle event at Timmerman Field on May 9th starting at 10:00. Other dates and locations are listed in the newsletter. There will not be an event at the 128th this year.

Flight Advisors: No Report.

Tech Report: Ron Scott explained how to balance the wheel pants for a plane.

New Business: It was decided to move the start time of the June meeting to 6:30.

The Minutes from the March meeting were approved as published in the newsletter. The treasurer's report was approved as published.

Break was taken and due to a mechanical malfunction, there was no program.

Meeting was adjourned at 9:00pm.

Respectfully submitted,

Jim Hatzenbeller (Secretary)

Board Meeting Minutes for April, "2015"

The April Board meeting was called to order at 6:45 by President Eric Whyte at the CAP hangar at Timmerman Field. Jim Hatzenbeller, Bill Stilley, Tim Meyer, Glenn Botsford, Jeff Wisneski, Dave Hoefgen, Louie Krueger and Don Patterson were present. Minutes were approved as published in the Chapter newsletter. The Treasurer's report was approved as published in the newsletter.

Announcements: It was announced that a history of EAA will be presented by the Hales Corners Chamber of Commerce. The event will take place on April 29th.

Old Business: The spring Chapter picnic will be hosted by Dave Hoefgen and will take place at his hangar at Palmyra. The date is Saturday, May 30th.

Young Eagles: The schedule for Chapter Young Eagle events has been established. Dates and locations are posted in the Chapter newsletter. The next event takes place at Timmerman field on May 9th.

New Business: Glenn reported that he is in the process of cleaning the Chapter cabinet; a container was found with \$78 in it. It is presumed to be money from the coffee fund and will be treated as such. He also reported on finding a new DVD player and several books. A motion was made, seconded and approved to donate these items to Joe Ptazak to use as door prizes at the Annual October Dinner meeting.

It was decided to move the start time of the June meeting at 6:30 as this is our annual show & tell meeting.

The May program will be a build report to be given by Bill Stilley on his KitFox.

Meeting adjourned at 7:20.

Respectfully submitted,

Jim Hatzenbeller (Secretary).

CLASSIFIES ADDS



MEMBER CLASSIFIEDS

FOR SALE, RENT or LOAN

- 4 used Lycoming IO-360 cylinders with Hi compression pistons. 200 hours on new exhaust valves. Injectors not included. \$300.00 each. Don Patterson 414-708-5892 or dpatterson14@wi.rr.com
- 1992 Mooney MSE 2540TTAF, 550SMOH/SPOH, Garmin 430W & SL-30, KT-76C, KAP150 w/GPSS, HSI, Elec Stdby Vac, EDM-800 w/FF, WX1000+, Dual Brakes, Sky-Tec Starter, Reiff Turbo XP, 1000+ lbs. useful, 4-pl intercom, aux pwr w/cable, new exhaust, newer pucks & batt, Gust-Lok, always hangered, cowl plugs & cover, NDH. \$124,900 Andy KMKE 414-688-5153 alaures@hotmail.com
- Sonex Airframe Kit #1190 (Standard, Dual, VW) "Easy Build" Laser Cut Metals with Machined Angle Components and Pre-Assembled Main Wing Spars. Some work in progress. Complete Kit cost was over \$19,000, Asking \$18,000. Located at Air Troy Estates (East Troy). Carroll Rands 262-994-9009 or crrands@yahoo.com
- For Sale: a SlickStart module, \$250 (new price in Aircraft Spruce is \$647) Fred Keip 262-835-7714 (after 6 PM) or fredkeip@aol.com
- For Sale: Vacuum pump, Rapco RA215CC, SN A2180. Bought brand new with a vacuum kit about twelve years ago and never used. Sealed and stored since purchase. Also, have the two hose fittings if needed. \$150 or make an offer. Contact Greg Allmann at gallmann@wi.rr.com or 262-391-0535
- For Sale: S.I.R.S. NV2A non-lighted Compass with mounting bracket. Paid Vans \$204.95. Sell for \$150. Glenn Botsford 414-764-5936 414-732-8384
- I had completed RV-6A tail and wing kits, and had started the fuselage kit, when I lost two brothers and a nephew in a Cirrus accident in 2001. I lost interest and the kits have been sitting untouched since then. The wing bottom skins were damaged in a move to Wisconsin from Texas. The fuselage frame was clecoed together but no skinning started. At this time, I would like to dispose of the kits and was wondering if you might know of someone interested in taking it over, or if a school might want to use it for parts. Ken Koehler Sussex, WI 262-372-4402 kenekoehler@gmail.com

WANTED TO BUY, RENT or BORROW

- Craig Henry is looking for a bending brake for RV ailerons. Those of you who are RV builders know exactly the part that I am talking about, and if anyone has one available, please contact Craig at 414-899-5980 or Glasair2@aol.com
- I am shopping for a Light Sport eligible aircraft located in the Wisconsin or nearby surrounding area—something we can use through the upcoming summer flying season. My wife and I are currently flying a Starduster Too, but issues with my 3rd class medical will require that I make the switch to Light Sport, at least for a while. We do presently have a Taylorcraft, but it needs some rebuilding and won't be ready to fly for at least a year. So, we are looking for a solid, airworthy Light Sport eligible airplane that doesn't need any or much work. Types we have been considering: Aeronca Chief, Taylorcraft, Luscombe, Ercoupe, Rans S6, Kit Fox 4, Zodiac 601 XL-B and others. They are cabin types and side by side. (We have two young grandchildren we would like to introduce to flying.) Randy Noak EAA #57117, Tech Counselor, A&P, IA, 541 Bowen St., Oshkosh, WI (920) 426-2763 classiir.novak@gmail.com

To submit items here, send an email to Darrell Kufalk kufalk@wi.rr.com



YOUNG EAGLES - STEPHANIE SCHULKO TREASURER REPORT-TREASURER GLENN BOTSFORD

First	Last	3/28/2015	4/16/2015	5/9/2015	6/6/2015	7/11/2015	7/19/2015	8/15/2015	misc	9/12/2015	10/10/2015	11/7/2015	Total 2015	Pre 2015	Total YE Flown
Alex	Adduci												0	49	49
Dave	Alberti												0	32	32
Jon	Bales												0	183	183
Eric	Beets												0	6	6
Adam	Blazek												0	46	46
Bryan	Blazek												0	111	111
Glenn	Botsford												0	59	59
Joe	Coraggio												0	68	68
Scott	Dawley												0	2	2
Mike	Felske												0	104	104
Phil	Graybar		15										15	172	187
Theo	Green												0	44	44
Jim	Hatzenbeller												0	14	14
Craig	Henry												0	33	33
Patricia	Horn												0	2	2
Andy	Jaskie												0	28	28
Scott	Jones												0	66	66
Fritz	Jorgenson												0	806	806
Ken	Klima												0	31	31
Ken	Kulesha												0	29	29
Mark	Matelski												0	21	21
Tim	Meyer												0	34	34
Jeff	Point												0	53	53
Laurie	Probst		12										12	129	141
Jim	Rodrian		11										11	29	40
Jerry	Roeder												0	16	16
Judy	Roeder												0	1	1
Tom	Schuyler												0	203	203
Eric	Whyte	11											11	512	523
Mike	Woods												0	693	693
Race													0		
Totals		11	38	0	0	0	0	0	0	0	0	0	49	3576	2734

April-14	Checking	Savings	Total	Paid Membership
Beginning Balance	\$1,173.57	\$1,008.92	\$2,182.49	82
Income				
Dues	\$60.00			
Eggs	\$15.00			
Coffee	\$20.00			
Name Badges	\$15.00			
Total Income	\$110.00	\$0.00		
Expenses				
Total expenses	\$0.00	\$0.00		
Ending Balance	\$1,283.57	\$1,008.92	\$2,292.49	

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/EAChapter18



CHAPTER 18 CONTACTS

OFFICERS

President	Eric Whyte	414-764-3854	ewhyte@wi.rr.com
Vice-President	Bill Stilley	414-315-8589	w.stilley@sbcglobal.net
Secretary	Jim Hatzenbeller	414-483-1246	jimhatzy@aol.com
Treasurer	Glenn Botsford	414-764-5936	glennbotsford@gmail.com
At-Large Board	Chris Esselstyn	262 650-6766	cesselstyn@verservo.com
At-Large Board	Don Patterson	262-363-5892	dpatterson14@wi.rr.com
At-Large Board	Jerry Roeder	414-899-7374	jroeder@wi.rr.com
At-Large Board	Tim Meyer	414-587-3581	tgmeyster@gmail.com
At-Large Board	Jeff Wisneski	414-732-4107	n4sieff@yahoo.com
At-Large Board	Dave Hoefgen	262-965-4837	rentals@americanrentals.org
At-Large Board	Louie Krueger	262-593-5034	carzlou@centurylink.net

STAFF

Newsletter Editor	Darrell Kufalk	262-443-2605	kufalk@wi.rr.com
Web Editor	Todd Wenzel	414 218-6784	todd.wenzel@wenzel-software.com
Tool Librarian	Andreas Kerwel	414-343-9529	andreas.kerwel@googlemail.com
Membership Coordinator	Glenn Botsford	414-764-5936	glennbotsford@gmail.com
Young Eagles Coordinator	Stephanie Schulko	414-732-6782	mzstef615@wi.rr.com

TECHNICAL COUNSELORS

Ron Scott (262) 642-7423	Fred Keip (262) 835-7714	Scott Jones (414) 461-6013
Jeff Point (414) 915-9173	Paul McAllister (262) 695-7624	Glenn Botsford (414) 732-8384

FLIGHT ADVISORS

Ron Scott (262) 642-7423

For more information about EAA Chapter 18, email info@eachapter18.org

To submit articles, photos or other items for the newsletter as well as ideas, suggestions and corrections, contact...
Darrell Kufalk @ kufalk@wi.rr.com