

EAGLE'S PROPWASH

JANUARY 2021 ISSUE

CHAPTER 113 ***"The Backyard Eagles"***



Our Web Site:

www.eaa113.org
group.eaa113.org

Gatherings: 7:30 PM
the 3rd Thursday of each
month at the
**EAA 113 AVIATION
EDUCATION CENTER**
Mettetal Airport (1D2)
8512 Lilley Road
Canton, MI 48187
(734) 392-8113



Mt. Fuji, December, 2019. (We survived the mountain that was 2020, and we can do it again in 2021!)

Photo Taken by Shunsuke Shibata

Member Services

Class I Board of Directors:

President: Dave Steiner	(734) 645-1150	president@eaa113.org
Vice President: Jack McClellan	(734) 748-4378	vicepresident@eaa113.org
Secretary: Molly Pyles	(512) 694-8439	secretary@eaa113.org
Treasurer: Dave Buck	(734) 223-2675	treasurer@eaa113.org

Class II Board Members:

Al Bosonetto	(734) 261-5518	
Jim Brown	(313) 570-6374	
Dan Jones	(248) 820-7901	
John Maxfield	(248) 890-6767	
Doug Sytsma	(734) 674-3345	
Library: Barb Cook	(734) 277-3469	library@eaa113.org
Newsletter: Elizabeth Hebron	(734) 776-9294	newsletter@eaa113.org

Class III Board Member:

Joe Kirik	(248) 872-3220
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Membership Committee:

Al Bosonetto, Dave Buck, John Maxfield

Dues: Dave Buck	(734) 223-2675
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Technical Counselors:

Randy Hebron	(734) 326-7659
Dan Jones	(248) 820-7901
Dan Valle	(313) 539-9818

Flight Advisors:

John Maxfield	(248) 890-6767
Dan Valle	(313) 539-9818

Scholarships:

Elizabeth Hebron	(734) 776-9294
Debbie Redding	(734) 397-3452
John Maxfield	(248) 890-6767

Young Eagles:

Debbie Redding	(734) 397-3452	events@eaa113.org
Dave James	(734) 721-4213	

Flying Start: Dan Jones	(248) 310-6018	flyingstart@eaa113.org
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Homebuilders: Mike Scovel	(313) 608-7202	builders@eaa113.org
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IMC/VMC: Herb Schulke	(734) 233-7864	imcvmc@eaa113.org
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Web/Tech Support:

Stefan Rairigh	(734) 383-4346	webmaster@eaa113.org
		support@eaa113.org

Aviation Center Management Committee:

Al Bosonetto	(734) 261-5518
Dave Buck	(734) 223-2675
John Maxfield	(248) 890-6767
Dave Steiner	(734) 645-1150



CHAPTER MISSION STATEMENT:

"EAA Chapter 113's major focus is on the relationships with people who have diverse aviation interests, centered around their love of flight, fellowship, learning, and fun."

Chapter members have a passion for flying and are willing to share it with others.

Chapter 113 provides the opportunity for exchange of information, as well as the interaction that leads to friendships that last a lifetime."

BOARD OF DIRECTORS:

"The Board of Directors are to provide both advice and assistance to the chapter officers on an ongoing basis."



PRESIDENT'S *PODIUM*

Dave "Drano" Steiner (734) 645-1150
president@eaa113.org
January 2021

HAPPY NEW YEAR!

I hope you had safe and happy holiday season, including a New Year's Eve celebration! Here's to a much better, safer, fun- and aviation-filled 2021. We still have a period of time to go through before we are out from under the COVID cloud, so don't let your guard down, and continue to practice social distancing, wearing masks and washing your hands. We all want to see each other on the other side of this.

60th Anniversary for EAA 113

When it is safe to do so, we'll be celebrating our 60th birthday, just another reason to practice safety protocols. You won't want to miss the celebration or cause anyone else to miss it either. But until that time, especially for you long-time members, why not take some time to write and submit your favorite story and/or pictures about EAA 113 to Newsletter Editor Liz Hebron (see email link below). There have to be a lot of great memories out there.

Although my EAA 113 involvement is more recent, I certainly recall a lot of great Father's Day Pancake Breakfasts. Maybe at the top of my list though is when Mike Scovel and Dave Buck took my grandnephews, Joe and Ben Green, on their Young Eagle flights. The boys were totally stoked after that experience. I remember Mike telling them afterward, "The only thing more fun than flying is flying with someone." That's the true spirit of EAA, and our Chapter certainly embodies it. In addition, Ben applied for and received an EAA 113 scholarship to attend the EAA Air Academy in OSH that summer. He really enjoyed it and gave a short talk about it later at a membership gathering.

Membership dues reduced 28% for 2021 & the \$60 for 60 Challenge

For 2021 membership dues paid by Jan 31st, the cost is only \$25 versus the normal \$35. That's a 28% savings, but you must have paid by the end of January to be eligible for the reduced fee. Having all dues paid early will make the jobs of Secretary Molly Pyles and Treasure Dave Buck much easier, so please help them out. It is easy to pay dues online on the web site either with PayPal or a credit card. Go to:

<https://chapters.eaa.org/eaa113/dues-donations>

As for me, I'll be sending in a \$60 check to commemorate the chapter's 60th anniversary, with the extra \$35 designated for the scholarship fund. If you are able, I urge you to do likewise to help encourage the next generation of aviators, a primary goal of EAA 113.

Program Speakers for Member Gatherings - VP Jack McClellan is looking for speakers/programs for the third Thursday membership gatherings. Help him out: vicepresident@eaa113.org. What topic would you like to see covered? Or maybe give a presentation about your own aviation adventure.

Prop Wash Content - Keep that content coming for the newsletter! A few photos with captions and a short paragraph or two about your latest aviation adventure are all that we ask. Send to: newsletter@eaa113.org. Please do share your aviation escapades. No need to be a pilot.

EAA 113 & COVID

The Chapter will continue to follow all State of Michigan and local health guidelines with regard to protecting people from the spread of the COVID virus. We urge all to follow precautions for your own and other people's safety. We are all in this together. Please be safe.

**NEW
YEAR
SALE**

**Renew your
EAA 113 Membership Dues Now!**



\$25

Make your payment **BEFORE** January 31, 2021 to receive this special rate of \$25.

After this date, the price will return to \$35.00.

Online payments can be made at eaa113.org by clicking on the “Dues button” or mail your check to:

EAA 113 Treasurer; 8512 N. Lilley Road; Canton, MI 48187

NEW IMC/VMC COORDINATOR FOR CHAPTER 113

From Dave Buck

Herb Schulke is taking over my duties as the chapter IMC/VMC coordinator. Herb is a former airline pilot, is extremely well qualified, and has been assisting me in the past. My plan is to be around and now assist him as needed. Thanks to all for your past support.

PILOT'S TEN COMMANDMENTS

Submitted by Bob Trumpolt

1. Thou shalt abstain from the intersection takeoff for verily the runway behind thee, as the altitude above thee, cometh not to thine aide when thou needest them.
2. Thou shalt not linger on active runways lest thou become like unto ground sirloin.
3. Ignorest thou not thy checklists for many are the switches, handles, gauges, and other demons awaiting to take cruel vengeance upon thee.
4. Thou shalt cast thine eyes to thy right and also to thy left as thou passeth through the firmament lest thy fellow pilots bring flowers to thy widow and comfort her in other ways.
5. Buzzeth not, for this shall surely incur the wrath of thy neighbors and the fury of the FAA shall be called down upon thy head.
6. Thou shalt be ever mindful of thy fuel lest there be nothing in thy tank to sustain thee upon the air and thy days be made short.
7. Trust not thine eyes to lead thee through the cloud lest the archangel await thee therein.
8. Thou shalt not trespass into the thunderstrom lest the tempest rend the wings from thy chariot and cast thee naked into the firmament.
9. Put not thy trust in weather prophets for the truth is not in them, and they shall not accompany thee among thy ancestors.
10. Oft shalt thou confirm thine airspeed on final, lest the earth rise up and smite thee.

(originally submitted by John Bybee)

VIRTUAL COFFEE HOUR



Saturday, January 9th, 2021 at 9:00 a.m.

Join us via ZOOM!

A link will be emailed to all EAA 113 Chapter members. If you don't receive it, please contact : events@EAA113.org.

INTRODUCING A NEW MONTHLY COLUMN: HINTS AND KINKS

By Pete Waters

One of my problems, since I lost the sight of one eye, is setting the drill press or the vertical mill bits to be on the center of a marked hole.

I found a great solution in the “**Wixey Drill Press Laser Cross Hairs**”.

This is their **Model # WL133** and sells online for \$37.50.

What a neat tool! I include several photos of the unit, attached to my Drill Press which needed a longer hose clamp because the column diameter is larger.

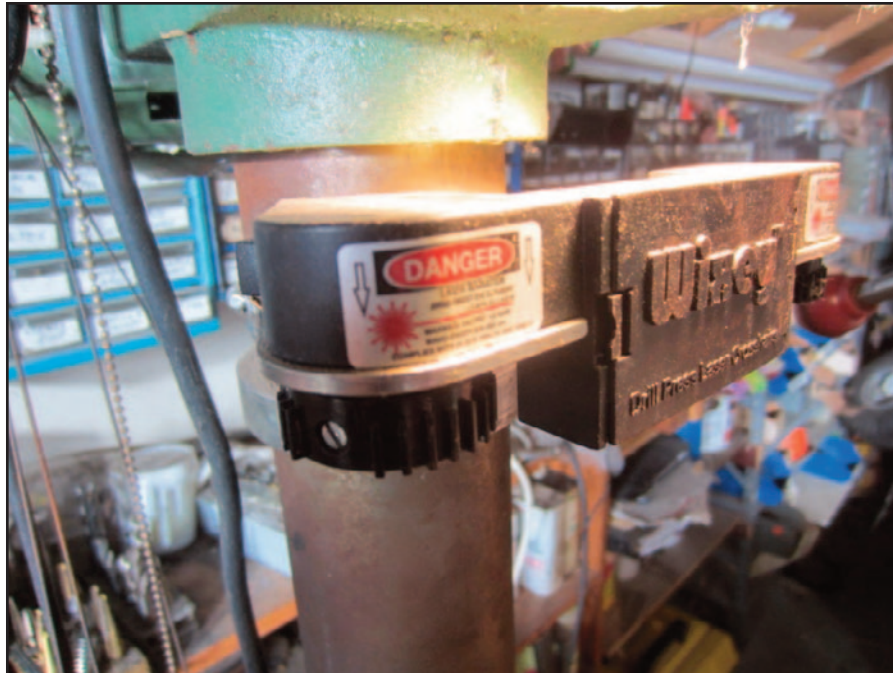
It has two vertical scanning lasers, that are adjusted so the crossed beams are centered on the “pop mark” for the drill bit.

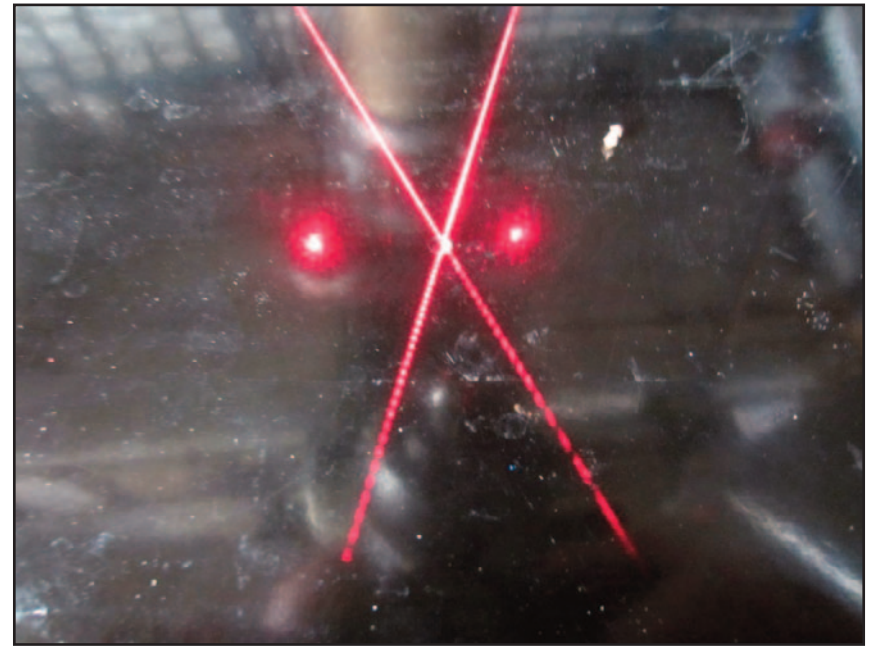
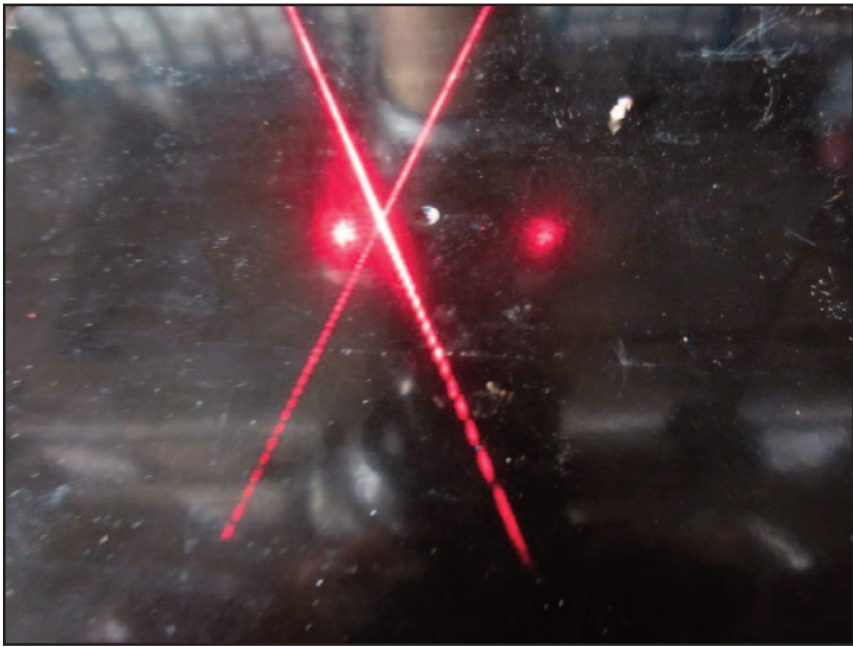
The power is 3 AA cells, and they will last a long time if you **DO** switch off when completing a task. Yes, I do plan a change to power it from the AC on/off switch for the drill light.

The laser lines are each adjusted so their crossing traces are centered on the “pop” mark made by a center or small drill. The adjustments are a little “rough” as its plastic on plastic, but once set, just be careful with the power switch in case you change the setting. I have tightened the clamp and moved the pillar stop up as well, and show a drill mark with the cross hairs off to the side, and another with them centered.

Yes, it tracks with the drill axis, and I usually switch off the light on the press, when first setting it up.

You will find the low cost tool, a great asset in your machining. Stay tuned for next month’s “Hints and Kinks.”







Production line—"Fleet" Model 30 planes in assembly—all tubular fuselage construction.



Latest type "Fleet" trainer. This type of tubular landing gear weighs only about 40 lbs. At 150 in service, no failures have occurred.



Another type of tubular landing gear developed by Consolidated for a 3-place job—a particularly good chair, built only in limited quantity.



2000 lbs. DEAD WEIGHT DROP ON A 61 lb. LANDING GEAR

This is how Consolidated Aircraft Corp. tests landing gears. A total dead weight load of 2000 lbs. is dropped 24 inches, perpendicularly and at various angles. In the case of the "Fleet" trainer shown the weight of the tubular landing gear, exclusive of wheels, is 61 lbs.

Consolidated says of this gear "While slightly heavy, this gear has established an unequalled record for sturdiness and dependability—about 300 are in active service."

Pound for pound the tube is the strongest section ever created. Are you utilizing tubing to its fullest advantage?

SUMMERILL TUBING COMPANY

"Specialists in Tubing Specialties"

Bridgeport, Montg. Co., Pennsylvania

FAA AD 2020-25-12 INFO

From Martin Filiatrault

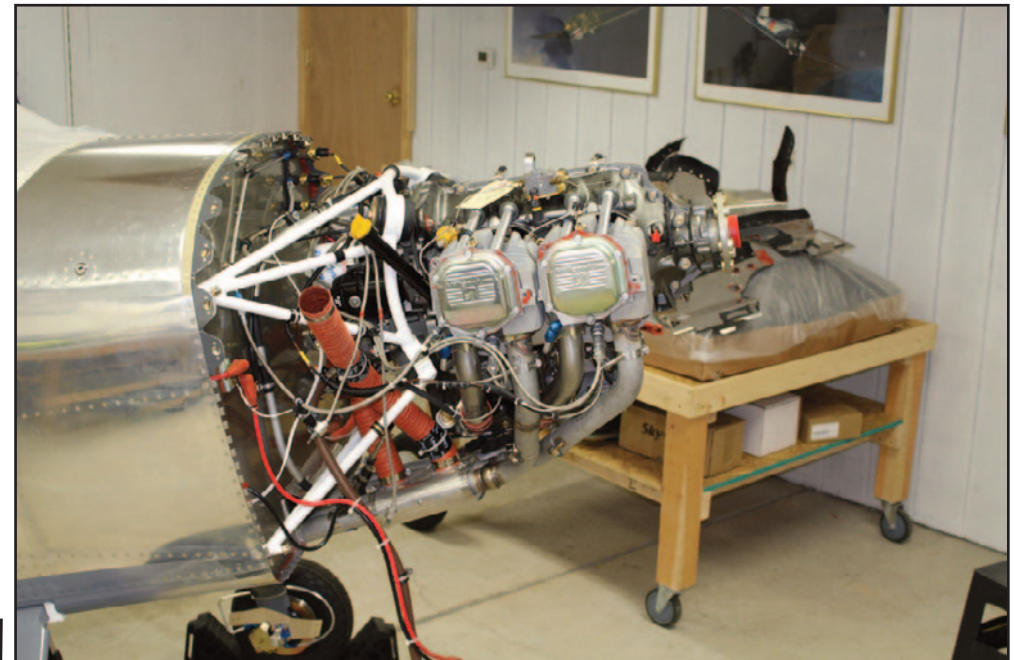
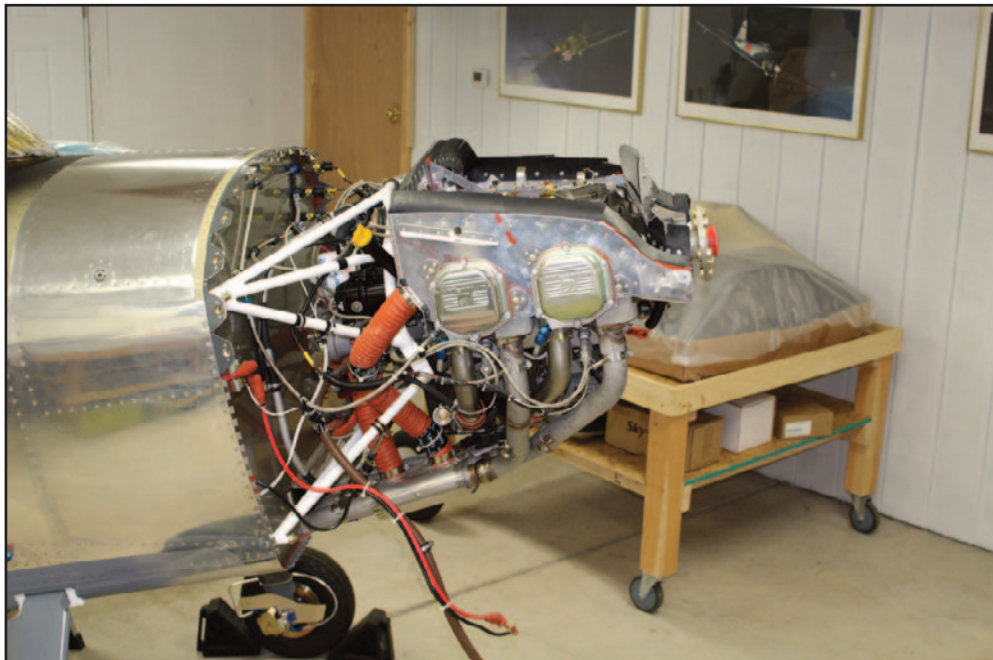
Many of our chapter members may be aware of the recent FAA AD 2020-25-12 that calls for the removal and replacement of certain Superior Air Parts crankshafts from existing Superior and Lycoming O/IO-360 engines. I'll include links to the AD below, as well as other links. The short story, as it affects me, is that my new Barrett-built Superior IO-360X engine with 45 minutes of dyno time, that was on course to fly in 2021, is not airworthy and must be rebuilt. This was a devastating blow to my project, but I've received a lot of support from my friends in the experimental and general aviation community. My airplane will indeed fly, but there is now a lot of additional work required... so I got to work. After 24 hours of labor spread over six working days, my engine was removed on Christmas Day. I documented the process with photos and a time lapse video that I shared on my YouTube channel. I've also posted my year-end entry in my Blogspot blog. I currently await future arrangements to be made with Barrett and Superior. My engine is in the pipeline and I'm encouraged by many that my aircraft will still fly in 2021. Do me one favor, though... pray for my sanity... this is a rough one.

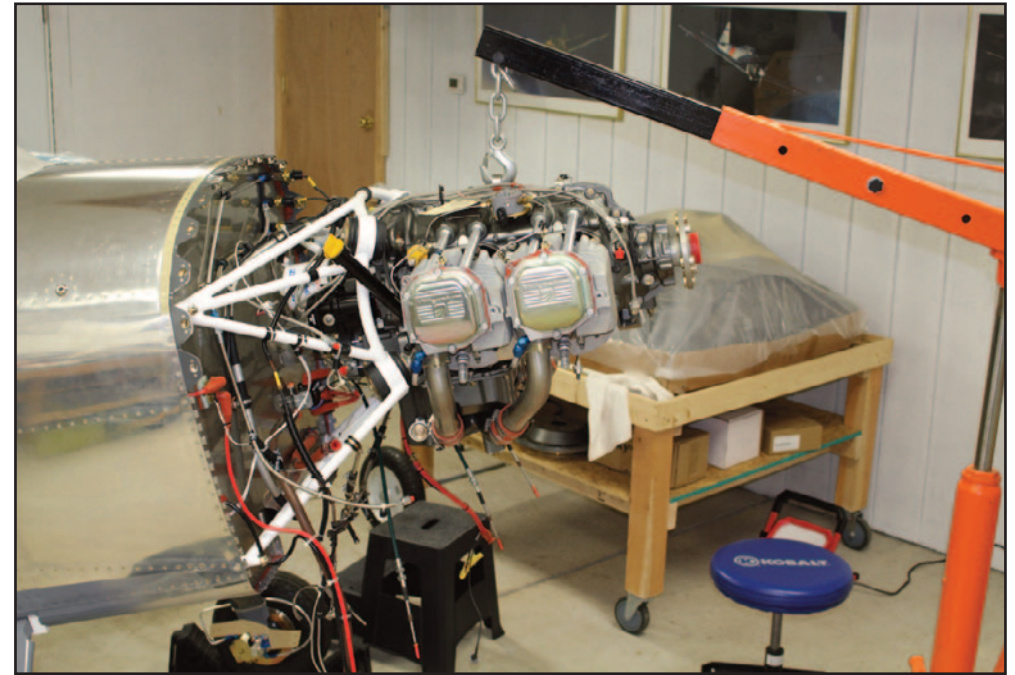
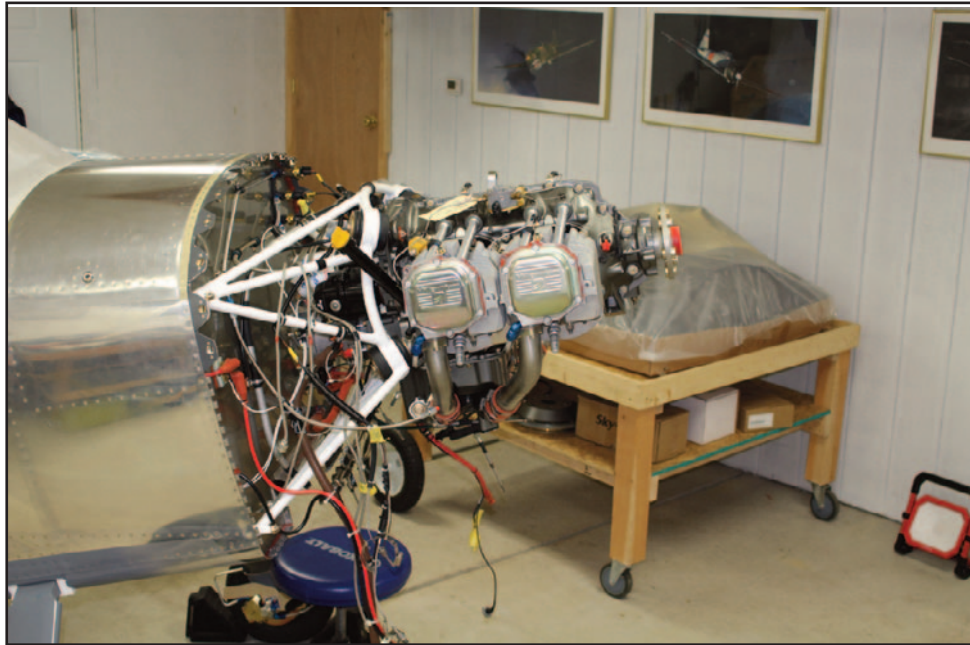
AD link: <https://bit.ly/3obziV7>

Blogspot link: <http://goatflieg.blogspot.com/>

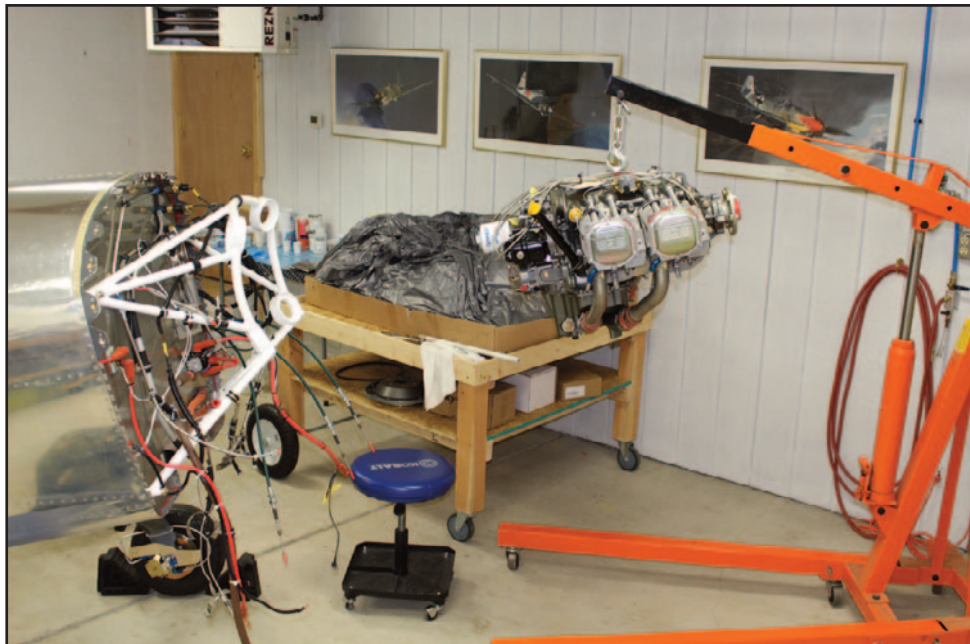
Time lapse video link: <https://www.youtube.com/watch?v=8n8Gty7idVE>







*All Photos
Courtesy of
Martin Filiatrault*



Dream Big!!!!

The EAA 113 Aviation Studies and Air Academy Scholarship forms are now available on our website:

www.113.eaachapter.org.

Be sure to pass the information along to anyone that might be a potential candidate. Let's help someone follow their dream and begin their aviation journey!

Please look for the attachment in the email with the newsletter for the application form.



How Well Do You Know Your Fellow EAA 113 Chapter Members?



Let's kick off the New Year with a little fun and games! We need your help to include a little quiz in February's newsletter. Please send Debbie a short note explaining your **First or Most Unique Job** you ever had! Feel free to include a very brief, funny story.

Then, next month try to match the occupations to your fellow Chapter Members.

Please email Debbie at events@eaal13.org by January 24th. The more we get, the more fun it will be!





EAA Homebuilders Week

Join EAA on January 26-30, 2021 for the first EAA Homebuilders Week online event. Experts from every corner of the homebuilt aircraft community will bring their knowledge and information to builders everywhere through free and interactive webinars. Topics covered include workshops on sheet metal, welding, and wood; aircraft designs from a variety of industry leaders; part selection when building; buying secondhand; and more.

This weeklong event coincides with the 68th anniversary of the first Experimental Aircraft Association meeting on January 26, 1953. Homebuilders Week will be a tremendous learning opportunity that celebrates our legacy of, as EAA founder Paul Poberezny often said, using hand and mind to create aircraft that allow us to enjoy the personal freedom of flight!

Register for the free online live presentations at:
<https://www.eaa.org/eaaircraft-building/homebuilders-week>

2021 Calendar of Events

The New Year brings *HOPE* for better and brighter days ahead! However, in spite of our desires to return to normal, we must continue to comply with the recommendations of health authorities for the immediate foreseeable future to protect EAA 113 members. We know the importance of this aviation camaraderie we all share and will continue to plan for various events for the year in the safest means possible. After having conversations with experts in the medical research field (including an aviator), the first few months of 2021 will continue in “Virtual” format. All regular monthly gatherings (Homebuilder’s, Board, General and IMC) will be held via ZOOM until Spring, when we can reevaluate the health situation.

Many have missed the Saturday morning breakfast time. We thought we would host a **Virtual Coffee Hour on the 2nd Saturday of the Month at 9:00 a.m.** to help fill a void. Join fellow members and friends for a time to share aviation news or ask questions or just chat and check in on others. A ZOOM link will be emailed out as a reminder a few days before. We suggest you please eat breakfast before....or not on camera! Look for other topics if this is successful. We are always open to suggestions! Your participation is appreciated as we work together to get through this as safely as possible.

Plans well underway for many upcoming special events and dates will be set as soon as it feasibly possible.

Events include:

Young Eagles Rallies

Young Eagle Workshop

Flying Start

Father’s Day Pancake Breakfast

Workshop Grand Opening

Chili Fly-In

60th Anniversary Banquet

Backyard Adventure

Oshkosh Airventure

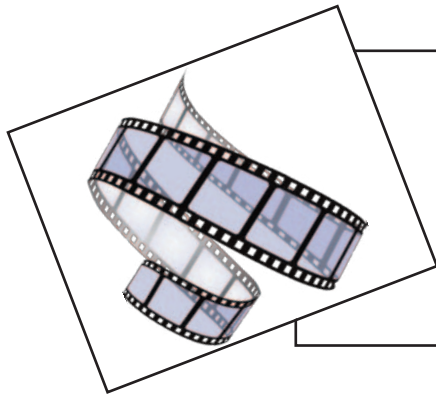




January 2021

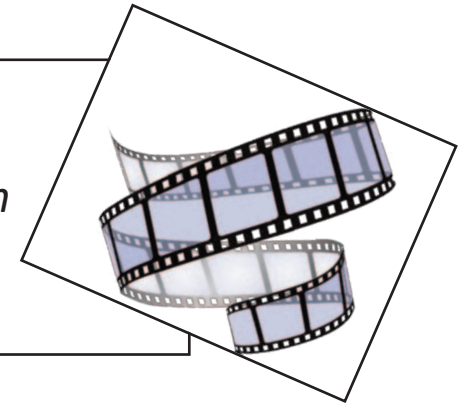


Sun	Mon	Tue	Wed	Thu	Fri	Sat
3	4	5	6	7 EAA 113 Homebuilder's Gathering 7:30 pm	8 	9 VIRTUAL COFFEE HOUR 9:00 a.m.
10 	11	12 	13 	14 EAA 113 Board Meeting 7:30 pm	15	16
17	18	19	20	21 EAA 113 General Gathering 7:30 pm	22 	23
24	25	26 	28 EAA 113 IMC Club Gathering 7:30 pm 		29 	
31						



Calling all video enthusiasts!

*Submit your video of the month to Jack McClellan
at vicepresident@eaa113.org
(Or you might be watching quilting how to videos next month....)*



Next Virtual Gathering:

January 21, 2021

7:30 PM

Virtual Gathering via Zoom

Check your email for details.

