



# EAA Chapter 83 Terre Haute, IN



A Social Organization operated for the Advancement of  
Aviation Education, Homebuilt Aircraft, and Private Aviation  
Dedicated in the memory of Garland Wadsworth and John Blouch

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April 2023



From your  
President-  
Keith Welsh

Hello again everyone.  
Welcome to your EAA Chapter 83 newsletter.

I begin this newsletter with a very sad report on the tornado that tore through the Robinson Airport, KRSV, on 31 March. As the photos will show the airport suffered a major loss. All buildings, hangars, equipment and aircraft were destroyed in the storm. Their home, only a few hundred yards away was miraculously missed.



*Photo showing the FBO, Maintenance and Large Hangar. Both completely removed from their foundations.*



*Photo showing the T-Hangars with the left T-hanger moved off its foundation and against the right T-Hanger.  
The two aerial photos are courtesy of Elliot Abel.*



*This photo was taken East of the T-hangars.*





*Closeups of some of the destruction*



*The ground photos are courtesy of storm chaser Jeff Wallace*

**Please keep your thought and prayers with them during this most difficult time. It is hoped that both ours and Chapter 41 will get together to offer assistance at some point.**

## **March Chapter 83 Meeting:**

Our last meeting at the Rose Hulman Kremer Innovation Center was a lot of inspiring fun. Jim presented a very educational program in the wind tunnel and fluid dynamics labs. Jim is a 20+ year professor at Rose. We were able to visualize the effects of changing air pressure along a wing surface as the wing attitude changes. I was especially impressed with where the area of lift (low pressure) begins and the tuft and fluid tests which allows you to see just where and how a stall begins and moves across a wing with changes in pitch attitude, bank and yaw.



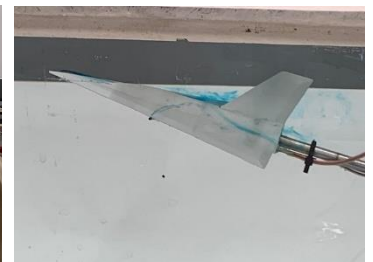
*Our Host Jim Mayhew*

These photos show the class room where we received the instructions about what we would be able to do.



And wouldn't you know there would be a little boy's dream shop. There were such a variety of experiments going on as to make anyone of curiosity feel like they were in an engineer's playground.

It's very impressive the education our young future engineers have available to them at Rose Hulman. Thank you, Jim, for hosting us.



*Dye tank showing the effect attitude has on airflow*





*Tuft's showing clean airflow across the wing*



*Photo shows the boundary layer beginning to separate from the wing*



*Oops! To high an angle of attack and banking left. Notice how the air is flowing off the wing right to left. Which wing will drop first in the impending stall? Or will they both drop at the same time?*

## ATIS: Communications:

## BearHawk Construction:

Be sure to check up on Elliot and Melanie's Bearhawk construction log at:  
<https://eaabuilderslog.org/?blproject&proj=7zJWhcxs8>  
 There is much to see with the last entry on 20 March. Lookin good. The EAA web site is very easy to navigate. Once logged in click on "Aircraft Building" then "EAA Builders Log", from there I typed in zip code 47802 and theirs was the first one listed. Or you can copy and paste the above, but then you'll miss out the fun of tramping around the EAA site.

## NOTAMS: Upcoming Events:

### **Pilot Lunch:**

Grand Traverse Pie Co., 75 N 3<sup>rd</sup> St. Terre Haute. Friday 7 April @ 1200. Reserved tables are under EAA.

**2023**

# P-Factor Days

Sky King Airport - 3I3

Artisan  
Pancakes  
& more



Artisan  
Hangar  
Flying

March 11  
May 13

Second  
Saturdays  
9:00 - 11:30

July 15  
Sept. 9

Planes, Pancakes, Pilots

## **B-25 Berlin Express:**



The B-25 is scheduled to arrive at HUF on Monday June 12<sup>th</sup>. See the March newsletter for additional information. The newsletter can be found on the Chapter website. Your Chapter will have a number of responsibilities during its visit requiring a number of volunteers. Be sure to attend the next meeting if you are interested in helping. And thank you to those who have already signed up.

## USAF Museum Trip:



Saturday 12 August. We have 17 seats currently reserved of 54 available. Get your reservation in as soon as possible if you wish to attend. Text me at 812-230-2355 or email [kw544@juno.com](mailto:kw544@juno.com). We have two months in which to get the bus filled before a go no go decision will need to be made. The trip is open to anyone wishing to see the greatest aviation museum in the world.

## Vintage Chapter 41 Meeting:

They will meet next this Saturday 8 April at Sky King Airport at 1000 hrs. with a roast beast lunch at 1100.

## Balloon Festival:

The Balloon Festival is coming back to KHUF from Sept 22-23<sup>rd</sup>. The response was very good last year and it is hoped that our EAA Chapter can be a part of it with a display of aircraft and promote the Young Eagles.

## Our Next Meeting:

**15 April 2023 at 10:00 est.**

We will meet next at the **Business Center at HUF** next to the Corsair Restaurant. This will be a business meeting discussing the B-25 visit and GroupWorks.

B-25: I have flyers of different types to hand out which will need placed around Terre Haute other airports, businesses etc. It is important that we begin promoting its visit around the area. We will also be going over the tour manual and getting volunteer preferences.

GroupWorks: We currently have 35 members who have logged in of 102 emails on the platform. I will have my laptop connected to the TV and go through the platform, setting up your account and try to answer any questions you may have. If you have not logged in bring along your device, iPad, iPhone, Android etc and we will get you in. Since the indemnity question has come up, I will try to answer the question as to why that paragraph is there.

The biggest advantage to GroupWorks over the other platforms we could or have used is that it's the one platform that can do everything within a group. Its capabilities and ease of use are pretty impressive.

Before we can move forward with setting up the dues option, we will need to have a majority of members logged in. At present there have been 123 posts, 51 event views, 18 comments and 5 posts by new members. That's pretty impressive considering only 35 have logged in.

We will still use the Chapter Facebook page and the Chapter website for our public exposure. Especially important is the Chapter website that Jeff Tucker maintains which contains the permanent record of the chapter newsletters and where historical chapter information can be found.

There will be much to discuss at the meeting on the 15<sup>th</sup>. Thank you in advance for coming. I look forward to seeing you there.

Fair skys  
Keith

