

JULY 2022 | VOL. 7

# HANGAR 1

The official e-newsletter of the  
Illinois Aviation Museum

## IN THIS ISSUE

4th of July  
Celebration 2

IAM is on the Go 2

Upcoming S.T.E.M  
Camp 3

Volunteer with Us! 3

Our Own Formidable  
Fokker DR-1 4-5

Volunteer Spotlight -  
Bill Anderson 6

July has come to an end, and while it was not a particularly busy time at the museum, the aviation community was busy at EAA Airventure Oshkosh! However, IAM is packed with events for the month of August, so be sure to stop by.



## WHAT'S HAPPENING IN AUGUST

IAM Board Meeting  
8/3 | 6:30pm-7:30pm

FAAS Seminar @ IAM  
Owner Performed Aircraft Maintenance  
8/17 | 7:00pm-9:00pm

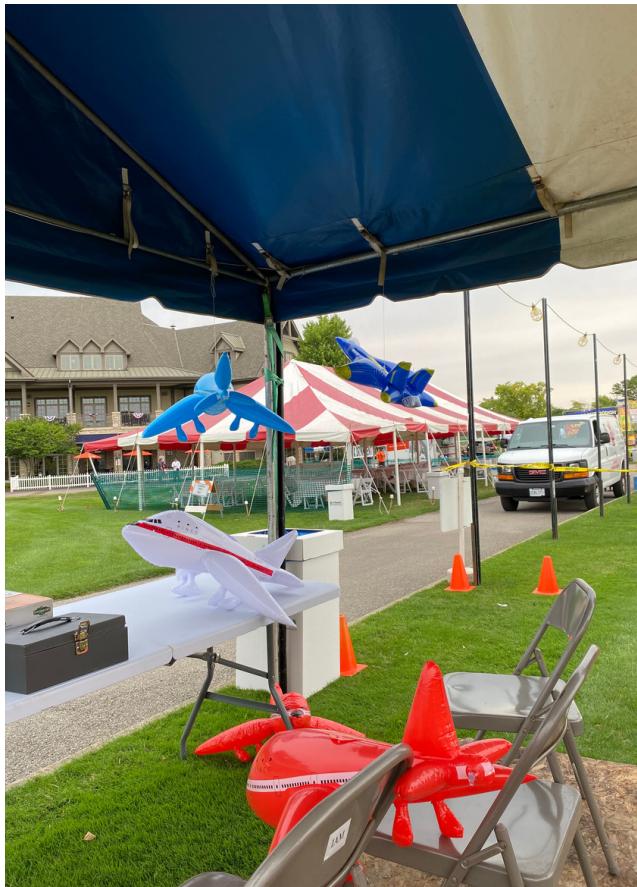
EAA 461 - Young Eagles  
8/13 | 9:00am-12:00pm  
(Weather Permitting)

Future Aviators S.T.E.M Camp  
8/27 | Time TBD



# July in Review

## IAM 4TH OF JULY CELEBRATION!



The Illinois Aviation Museum celebrated the 4th of July at the Bolingbrook Golf Club. Our information booth was set up, and the Ground Bound was giving rides until the torrential downpour invaded our fun. Nonetheless, it was a day full of excitement.



## IAM IS ON THE GO



IAM will be participating in several community events this month. We will be giving rides in the ground bound. Come stop by and visit us!

Taste of Bolingbrook | August 13 | 12:00-7:00 pm.

Pakistan Day | August 27 | 2:00-8:00 pm

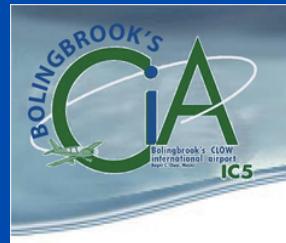


# S.T.E.M CAMP



The Future Aviators **S.T.E.M Camp** for kids ages 13-17 will be held on Saturday, August 27th in cooperation with 1C5, IAM, JWA, and FAA.

This camp will give your child a look into the vast world of aviation. Additional information and camp sign-up will be released soon. Questions? Email the President of the Future Aviators Association, [Emily](#).



## Volunteer with us

Make a difference and come volunteer with IAM! Our volunteers are key to keeping our non-profit museum running smoothly. We are looking for those interested in helping to fulfill our mission of educating, preserving, and promoting aviation through community involvement. More information and volunteer sign-up can be found on the following [form](#).



# Our Own Formidable Fokker DR-1

By: Dan Christine

The Fokker DR1, although slower than many aircraft by the end of World War I, remained the most maneuverable and deadly. This is what drove fear into the Allied World War I pilots who might have crossed paths with the all-red triplane while performing their aerial duties. Because of the incredible history and success of this aircraft, the decision to complete the restoration of The Red Baron's Fokker DR1 replica at the Illinois Aviation Museum was an easy choice.

Illinois Aviation Museum obtained our latest artifact from the Tennessee Museum of Aviation in Sevierville, Tennessee. The construction of the Fokker DR1 began as a static-display aircraft but could not be finished by the first builder.

Reconstruction work commenced on the DR1 during the fall of 2021. After several members of our board of directors made the trip to Tennessee to place it on a flat-bed trailer and haul it back, it came to its new home. As the pictures indicate, the restoration included a complete cockpit make-over with replica instruments, belts, and harnesses. New replica guns were built. Much of the heavier wood used in the initial construction was replaced with aluminum. All the original fabric was stripped and was replaced with very light 104 uncertified aircraft fabric. The originally constructed wings could not be used, so new wings were built, including new lightweight aluminum ailerons. The wings were constructed much like the original DR1 wings, with box spars, wood ribs, and rib lacing. Aluminum replaced the original mahogany leading edges.

Our volunteer restoration team, led by Dan Christine, completed this replica in July. The Fokker DR-1 will provide a step back in time when the skies turned deadly during World War I.





# VOLUNTEER SPOTLIGHT

## BILL ANDERSON DIRECTOR OF FACILITIES AND SECRETARY



### How long have you been a part of IAM, and how did you get involved?

Since it was 6 months old. I joined Father's day weekend of 2004. My son and his family went to Charlie's Restaurant for breakfast. My son called me and said there was a Navy jet on the ground. I replied, there is no way, so I had to come out and see for myself. It turned out to be the T-2, and Kent Demuth had a table set up looking for people to join, so I filled out the form and became a museum member.

### What are you responsible for at the museum?

I answer emails, set up and give tours, make sure the building is in shape, and keep track of where things are in our storage trailer. It is a lot of behind-the-scenes work.

### Why do you like volunteering at IAM?

I have been an aviation fanatic all of my life. When I was a 13yrs old, I started to ride my bike to O'Hare airport to watch the airplanes land.

### Do you have any favorite memories at the museum?

When we presented the T-2 for the first time, that was really cool. You can watch the video [here](#).

### What is your favorite aircraft, and why?

I have a couple. From WWII, they are the Vought F4U Corsair and the B17 Bomber. Modern aircraft would be the F2, F4B Phantom, and the F14 Tomcat. The F14 is the neatest airplane in the world, I love all Cats because I am a Navy guy, and I like Grumman aircraft in general. I am on the volunteer crew of the Aluminum Overcast, which is a touring B-17. The B-17 will fly to the midwest and give rides. I am ground security, and I also sit in the cockpit to explain the roles of the crew members.

### Fun Fact.

The A-4 Skyhawk that is at our museum was on the same aircraft carrier that I was on at the same time! It is really neat that it is at the museum now.



A-4 Skyhawk