

HANGAR 1

The official e-newsletter of the
Illinois Aviation Museum

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Cavalcade of Planes is coming our way!
Don't miss the event of the year on June 4th &
5th from 10:00 am - 4:00 pm at CLOW airport.



COME VISIT US!

We are open every Saturday and Sunday from
10:00 am - 2:00 pm. Stop by and see what is new!

WHAT'S HAPPENING IN JUNE?

Cavalcade of Planes

6/4-6/5 | 10:00 am - 4:00 pm

EAA 461 - Young Eagles
6/11 | 9:00 am - 12:00 pm
(Weather Permitting)

**Aircraft Accident
Investigation - IAM Seminar**
6/15 | 7:00pm



MAY RECAP

Be Prepared, Cross Country

Weather Planning

On May 18, George Wilhelmi, a flight instructor at JW Aviation, presented the importance of understanding weather data when pilots plan their cross-country flights. George gave a crash course on the different types of resources pilots can use, how to interpret charts, and how to file a VFR flight plan through ForeFlight. You can catch more presentations like this every third Wednesday of the month at IAM.



IAM goes to Naperville

The volunteers of IAM had a blast volunteering in the Naperville Memorial Day parade. They even brought along the stars of our displays: Stubby, Ground Bound, and former board member Bill Miller's WWII Jeep. Stop by IAM during Cavalcade of Planes to get your ride in the Ground Bound and participate in other activities!

The Formidable Fokker DR-1

By: Dan Christine

The **Fokker DR1** during World War I was born out of the philosophy that **maneuverability and climb provided advantages over your foes**. When war broke out all over Europe in August 1914 the nations' generals scrambled to obtain current battlefield intelligence. At times, ground information provided to the General Staff was days and sometimes weeks old. Many blunders occurred and lives were lost because of inaccurate and outdated information.

Enter, the aircraft in warfare in 1914. Pilots and observers, who were experts in map production, were directed to fly over the battlefields and gather as much **information** as possible for the most recent intelligence. **Of course, each belligerent would try to deny the other the air.** Many early aviators believed that the **airplane could also be used for that denial of the air.** Born was the first pursuit and attack aircraft in history.



Giulio Douhet was an Italian airpower theorist during World War I. His vision was to use bomber aircraft, **not to attack at the front of the battlefields but to attack deep into enemy territory**. Douhet believed it was more valuable to attack an enemy rail station or bread factory than to attack soldiers at the front. **Breaking the morale of the citizens would hasten the end of a conflict** such as the war raging through Europe. During and after World War I, air strategists like Billy Mitchell would finally lend credence to this theory. While the pursuit fighter clashes increased at the front, where the Knights of the Air gave rise to a new type of one-on-one warfare, Douhet also theorized about those actions. He **compared two pilots in their aircraft fighting to the death over No Man's Land as a hawk and raven**. The hawk insatiably wants to catch the raven as the raven fights for its life. The only advantages the raven has is altitude, maneuverability, and speed. From theories like this came the **fastest growing technology** in World War I. **That was aviation**. If one's aircraft could climb faster and turn tighter than his opponent, it would put their enemy squarely in the gunsights of the soon-to-be victor. And from theories like this, the **Fokker DR1 was born**. To be continued next newsletter...

CAVALCADE OF PLANES

The wait is over; Cavalcade of Planes will be flying into CLOW Airport on June 4th and 5th. So, come out and enjoy the fun. The forecasts are calling for mid-70 temps - perfect weather to participate in all your favorite aircraft rides. Be sure to stop by IAM for fun family activities. We are looking forward to sharing our town of Bolingbrook with the aviation community.

It is still not too late to sign-up as an IAM volunteer during the event! **All volunteers get free admission into Cavalcade, a t-shirt, and lunch.** There are shifts available on June 4th & 5th from 9:30-1:00 and 12:30-4:00. Sign-up to volunteer [here](#).

AT-6 Rides | [Tickets Here](#)

Ford Tri-Motor Rides | [Tickets Here](#)

Helicopter Rides | [Tickets available at event](#)

Boeing Stearman Rides | [Tickets available at event](#)

JW Aviation Cessna 172 Rides | [Tickets Here](#)

Cavalcade of Planes | [Pre-Purchase Admission Tickets Here](#)

TETHERED HOT AIR BALLOON RIDES COMING SOON!

On May 28, O'Connell Ballooning Co. had a practice run of their tethered balloon rides that will be running at Clow Airport this summer. Visit O'Connell Balloon's Booth at Cavalcade to learn more about this opportunity or [sign up](#) to receive email notifications of Upcoming Balloon Rides.



VOLUNTEER SPOTLIGHT

RAY JAKUBIAK

How long have you been a part of IAM?

I was there from day one, we started the museum with a couple of folks, Kent Packer, Joe DePaulo, and Steve Meyers, back in about 2003 - 2004.



What is your role at the museum?

I am on the board of directors to give them strategic planning objectives, goals, and advice on budgets. I also bring in new board members to help improve the museum. In addition, I am working on a current project which is a documentary of Illinois pilots and veterans. I have sat in the restaurant at Clow airport since 1994 and I have heard so many stories. These pilots would be videotaped and their stories would be an exhibit at the museum.

Why do you like volunteering at IAM?

Aviation has been my passion for years. I really like aviation and the educational side. It is time to pass on what we know about aviation to the next generation. I also like watching the museum grow into what it is today.

Do you have any favorite memories at the airport?

Being able to take people up flying. There used to be an abandoned trailer on the field from the previous glider club, and we created a trailer club. A bunch of us would go out there and have some great times, give airplane rides, and have picnics.

What is your favorite aircraft?

Beechcraft Bonanza.

Favorite thing about the museum?

Getting the museum-going to where we want it. It is still here through good leadership and we have sustained it through tough years. I am looking forward to what the future holds.



Did You Know?

Our museum offers guided group tours on weekdays. These tours are a great for school groups, summer camps, senior groups, aviation enthusiasts, and much more. Have questions? Visit our [website](#) or [email us](#) for more information and to schedule your tour.