

WINDY FLYER

From the Editor

By Ed Miller



Finally, decent weather. It was sooo... nice to fly outdoors at our field. Even though I've been flying for over 20 years, I still get butterflies on the first flight of the season. It only takes a flight or two before I'm in mid-season form, but for that first flight, I take out my trainer or one of my big planes that's very stable and forgiving. A few circles around the field, some figure eights, and I'm ready to rock! If you're a little nervous have an instructor stand next to you for that first flight of the season.

June is a big month for us. We participate at the Clow Cavalcade, and the following week we have our Open House. This year the Open House will be different, and I know a lot

(see from the editor on the next page)



Woodland Aero Modeler's Flying Field at Waterfall Glen Forest Preserve, Lemont, Illinois

Did You Know

Wheel Fuse Plug

A wheel "Fusible plug", or "Fuse plug" is a safety device installed in the wheels of all airplanes.

A number of holes are drilled in the landing gear wheels; these holes are filled with plugs made of a metal alloy having a low melting point. When the wheels become excessively hot, such as during a high energy rejected takeoff, the fuse plugs melt and allow the tire pressure to be released. The intent of the fuse plugs is to prevent possible tire explosion that might otherwise occur



Wheels after fuse plug blows

(See Did You Know on page 2)

(From the Editor continued)

more fun. Gary Watson and Dave Ford have done a terrific job of organizing this event. We will have various demonstrations, aerobatics, helicopters, control line, etc., free flight lessons, and our flight simulator. We need greeters, gate keepers, instructors, flight simulator instruction and set up and take down folks. Make sure you sign up and help at least sometime on that day. Lots of points here!

Hope to see you all at the field soon.

Happy flying!!

Ed Miller

Club Secretary

Windy Flyer Editor-in-Chief

Boeing 747



Boeinginging 747



(Did You Know continued)

when wheel temperatures become very high and tire pressures become potentially dangerous.

If you have ever seen the aftermath of a high-energy rejected take off, you have probably seen that some or all of the tires have deflated. That is due to the action of the wheel fuse plugs, which melted when the wheels were heated excessively by the brakes.

Operators conducting short haul operations characterized by short flight times and short ground times would do well to keep the following facts in mind:

-Brake energy is cumulative.

-It's easy to make brakes hot.

-It's not easy to make brakes cool.

Imagine an operation having short flight times and short ground times. The first landing won't cause fuse plug melting, but it will pump some kinetic energy into the brakes. Sitting on the ground, brake cooling is very slow, so short ground times will offer little brake cooling. Short flight times won't offer much cooling either, so the next landing after pumping some more kinetic energy into the brakes will probably leave them somewhat hotter than the previous landing.

Sooner or later, if this pattern continues, the fuse plugs will probably reach their melting point unless some actions are taken to avoid that possibility.

Possible solutions are to keep the gear down on short flights. Altitude cools brakes quickly. On landing, use reverse thrust, keep feet off brakes, creep to 25 knots, apply brakes smoothly to 5 knots, then repeat.



Woodland Aero Modelers

Radio Controlled Flying Club

Club Officers

President/membership	Tim Mercier
Vice-President	Brad TerMaat
Executive Director	Craig McKenzie
Secretary	Ed Miller
Treasurer	John Baderman
Safety Officer	John Horwath
Chief Instructor	Craig McKenzie
Instructors	John Baderman
	Ed Miller
	Brad TerMaat.
<i>Control Line</i>	Mark Romanowitz
<i>Helicopter.</i>	Steve Zielinski.

Calendar

May 2025

3rd Slope soaring starts for the season at Green Valley. Weekends only, May through October, 11am-6pm.

6th Monthly Club meeting at the VFW; starting at 7:00pm

15th Save the date. Fly and Burger Nite, weather permitting. Look for an email early in the week with details

17th SAC Club float fly, Twin Lakes, Oak Forest, 8:am until Noon. (First in 2025)

18th Field maintenance day. Rain date TBA if needed

June 2025

3rd Monthly Club meeting at the VFW: starting at 7pm.

June 2025 (continued)

7th and 8th Clow Cavalcade of Planes, Bolingbrook . WAM will be there as a Club with flight simulators and a large static display

14th Open House, at the flying field, 11:00am-3:00pm. Flight demonstrations and free introductory flights with an instructor.

15th Open House weather delay date

19th Save the date. Fly and Burger evening, weather permitting. Look for an email early in the week with details.

21st SAC Club float fly, Twin Lakes, Oak Forest, 8:00am till noon.

Minutes from the May 6th Meeting

Meeting Called to Order:

- 7:00 pm by President, Tim Mercier

Secretary's Report:

-Report read, and approved

Treasurer's Report:

-We have \$11,553 combined with our checking, savings and CD. No unexpected expenses, but we are looking into liability insurance for the mower trailer.

-Executive Director's Report:

-Application for Our Open House permit has been submitted, and approved. The Forest Preserve has repaired our picnic tables.

Chief Instructor:

- Not present

Safety Director

- Not present

Old Business:

- None

- Announcements:

- John Baderman will notify via Slack on what day he will be cutting the grass. After the Slack notification, the Club Secretary will send out an email. If John is cutting the control line field, or the pit area you may fly on the big field. However, if he is cutting the big field you will have to wait until he is finished.

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- Clow; we need tables perhaps from the field. We need helpers. greeters, set up and take down, flight simulator help and folks to talk to the public about R/C and our Club. It is our only recruitment function. John Baderman will send out a sign up sheet a week or two before.
- Discussion about batteries: Most agreed the cheaper batteries were just as good as the more expensive batteries.
- Gary Watson developed a revised/new flyer for our Open House. We will hand them out at Clow.
- At our Open House we will try at each hour, in between flight instruction, to have a specific demonstration. Perhaps, aerobatics, a helicopter flight, control line flight etc. Bottom line, we want to make this fun!
- We debated at what point after giving instruction to a prospective member we should insist they join the Club.
- Dave Ford and Gary Watson are coordinating our Open House; lots of points for those participating. We need gate duty, instructors, spotters, greeters, set up and take down folks. See our web site for sign up. Sign up sheet will be available at our June meeting also.
- AMA announced they have been granted a National Authorization allowing our members at AMA club sites in Class G airspace to operate above 400 feet for routine, day to day activities. Based on location our site will have a new altitude limit up to 700 feet or 1,200 feet aboveground level. Remember, if you are flying and a full scale airplane is in your flight path, at a low altitude, you should immediately land.

-Model building hints and tips:

- None

-New Members:

- None

- Planes for Points:

- Steve Zielinski brought in his Duraflly Auto-G2 V2 Gyrocopter. This is a repeat, however since he was able to fly it he told us what he had to do to get it in the air. Lots of modifications were necessary, but it flew very well.

-Meeting adjourned: 8:05 pm

















Steve with his Duraflly Auto-G2 V2 Gyrocopter

How to Order Woodland Aero Modelers Clothing

1. Order via internet at **rc-kits.com**
2. Go to "Clubs" Find Woodland Aero Modelers, alphabetical order, we're last.
3. Chose your merchandise
4. Check size chart!
5. Create an account
6. Pay

Woodland Aero Modelers

Sort by latest Showing all 14 results

<p>WOODLAND AERO MODELERS</p> <p>FRONT OF TEE STYL BACK OF TEE STYL</p>  <p>WOODLAND AERO MODELERS HOODIE \$20.00 – \$24.00</p> <p>Select options</p>	<p>WOODLAND AERO MODELERS</p> <p>FRONT BACK</p>  <p>WOODLAND AERO MODELERS BOONIE HAT \$35.00</p> <p>Select options</p>	<p>WOODLAND AERO MODELERS</p> <p>FRONT OF JACKET BACK OF JACKET</p>  <p>WOODLAND AERO MODELERS AUGUSTA PACKABLE HALF-ZIP PULLOVER JACKET \$28.00 – \$31.00</p> <p>Select options</p>	<p>WOODLAND AERO MODELERS</p> <p>FRONT OF JACKET BACK OF JACKET</p>  <p>WOODLAND AERO MODELERS PA CHALLENGER JACKET \$43.00 – \$61.00</p> <p>Select options</p>
<p>WOODLAND AERO MODELERS</p> <p>FRONT OF TEE STYL BACK OF TEE STYL</p>  <p>WOODLAND AERO MODELERS LONG SLEEVE POLO \$20.00 – \$24.00</p> <p>Select options</p>	<p>WOODLAND AERO MODELERS</p> <p>FRONT OF TEE STYL BACK OF TEE STYL</p>  <p>WOODLAND AERO MODELERS SHORT SLEEVE \$20.00 – \$24.00</p> <p>Select options</p>	<p>WOODLAND AERO MODELERS</p> <p>FRONT OF JACKET BACK OF JACKET</p>  <p>WOODLAND AERO MODELERS PA CORE SOFT \$28.00 – \$31.00</p> <p>Select options</p>	<p>WOODLAND AERO MODELERS ID BADGE</p> <p>FRONT OF ID BADGE BACK OF ID BADGE</p>  <p>WOODLAND AERO MODELERS ID BADGE \$12.00</p> <p>Select options</p>
<p>WOODLAND AERO MODELERS</p> <p>FRONT OF TEE STYL BACK OF TEE STYL</p>  <p>WOODLAND AERO MODELERS SHORT SLEEVE TEE SHIRT \$20.00</p> <p>Select options</p>	<p>WOODLAND AERO MODELERS</p> <p>FRONT OF CAP</p>  <p>WOODLAND AERO MODELERS BALL CAP \$15.00 – \$20.00</p> <p>Select options</p>	<p>WOODLAND AERO MODELERS 15 OUNCE COFFEE MUG</p> <p>(Side A) (Side B)</p>  <p>WOODLAND AERO MODELERS 15oz MUG \$20.00</p> <p>This item is made to order and can take up to 14 business days to ship</p> <p>Select options</p>	<p>WOODLAND AERO MODELERS 30 OUNCE TUMBLER</p> <p>(Side A) (Side B)</p>  <p>WOODLAND AERO MODELERS 30oz TUMBLER \$20.00</p> <p>This item is made to order and can take up to 14 business days to ship</p> <p>Select options</p>
<p>CLUB LICENSE PLATE</p> <p>ILLINOIS</p>  <p>WOODLAND AERO MODELERS LICENSE PLATE \$12.00</p> <p>Select options</p>	<p>WOODLAND AERO MODELERS Flightline gear</p> <p>FRONT OF VEST</p>  <p>WOODLAND AERO MODELERS CLUB SAFETY VEST \$25.00</p> <p>Select options</p>		