

Flite Lines

[Official Newsletter of the Manitowoc Flyers - AMA charter 1008](#)
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**Next Meeting is Tuesday
August 15th 7:00 PM
MM Lunch, Two Rivers**

Note From Prez:

Can you believe its already August, before you know it we'll be flying our electric planes in the gym at Mishicot again.

Flight education went well. Thanks to everyone that was able to give a hand it was all greatly appreciated, that is what makes a club, when everyone comes together and gives a helping hand. I think we may have gotten a couple new members, we'll have to wait and see.

In our upcoming meeting, start thinking of ideas to smooth out the field, that will be our next project. The shed is almost complete, we are able to use it for storage now which is a great help.

Also in closing our fun fly was a success, thanks goes out to Eric for putting it all together, we could always use a couple more participants, but to all who came, it was a great time.

Foam Planes Do's and Don't

Unlike other aircraft made of composites or balsa, there is particular care that must be taken with planes made from flat or injection-molded foam, more commonly referred to as "Foamies". When you start to assemble your Foamy, the choice of glue is very important. The chemical make-up of the material used to make foam does not react well to CA (cyanoacrylate) glues, and if you use the wrong kind of glue the results are not pretty. The glue you use must be foam-friendly or odorless.

The foam materials that are used in the construction of Foamies don't fare well when left sitting out in the sun, and extended sun exposure can cause a number of problems. While sun fading is a minimal concern, extended exposure to the sun can cause the decals to bubble or no longer stick to the surface, with even longer exposure leading to problems with the wings bubbling and distorting, effectively ruining your plane.

Excerpt from Horizon Hobbies article August 2006



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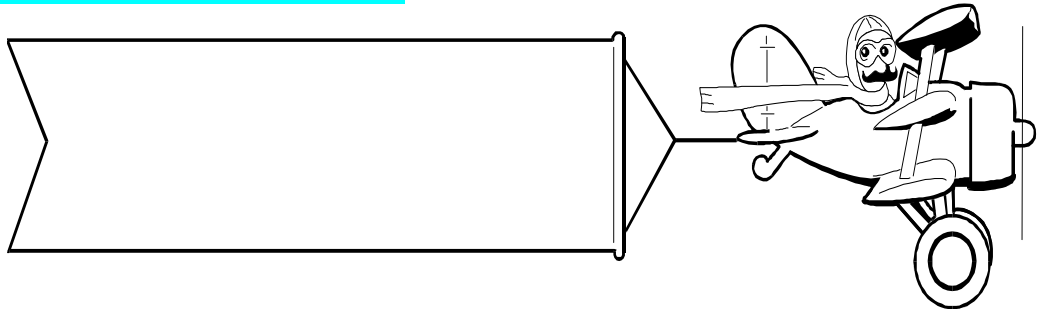
Manitwo Flyers Schedule

August

- 15th Club Meeting MM Lunch TR 7:00 till . .
- 2th
- Wausau Fun Fly 9:00 am - ???
- 12th LaCrosse, WI Mini Festival
- 12th Wausau Fun-Fly
- 12th Hilbert Big Bird / Steak Fry
- 12 13 Cedar Rapids, IA Electric Fun-Fly
- August 12 & 13: Woosh "Eat Cheese or Fly" launch: Bong Recreation Area
- 15 Manitwo Flyers Meeting
- 19th Fond du lac Big Bird
- 19th Wausau Fly-In
- Sat, Aug. 19: TWA launch: Bong Recreation Area: "Great Midwest Magg Race"
- 16+ Minie Maggs will be launched on I211W's at once in a mass launch. I'm organizing the event, and handing out identical igniters so all is equal. One event not to miss!
- 20th Hilbert Quickie 500
- 20th Madison Scale
- 20th Menominee Falls Charity Fly-In
- 26th Cumberland, WI Fly-In
- 26th Tomah, WI Scale
- 26th Appleton Electric Fly-In

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Some Trimming Basics

Center of Gravity
Method 1
Method 2

1. Roll into a vertically banked turn
2. Roll into inverted flight

1. A. Nose Drops

1. B. Tail Drops
2. A. lot of down required to hold level flight
2. B. up elevator needed to hold level flight

- A. Add tail weight
- B. B. Add Nose weight

Up/ Down Thrust, test 1

Fly model straight & level, then cut throttle
Note Either change B or C requires retest of Decalage and Verticals

- A. Model continues level flight with a gradual drop
- B. Model abruptly dives
- C. Model abruptly climbs

- A. No Change
- B. Increase down thrust
- C. Reduce down thrust

Up/Down Thrust, test 2

Fly model straight & level, then pull up
Note Either change B or C requires retest of Decalage and Verticals

- A. Model continues straight up
- B. Model pulls to canopy
- C. Model pulls to belly

- A. No Adjustment
- B. Increase down thrust
- C. Reduce down thrust