



# Glitch Busters

December 2011



## FROM THE EDITOR

You may be asking "What happened to the November newsletter?" Well your intrepid Newsletter staff got it wrong. Last months newsletter that we labeled October was in fact the November issue. Sorry for any mix up. We think we have it straight now.

## UPCOMING EVENTS

Freeze Fly - Sunday, January 1

## NEXT MEETING

**December 6**

Newark Senior Center

AMA #197 / IMAA #687

## PREZ SEZ

Happy Holidays! I wish all of you and your families a Merry Christmas and Happy New Year

The AMA election is over. The new President is Bob Brown, who will immediately assume the position vacated by Dave Mathewson. Bob was District III VP. Gary Fitch, VP for District II, was elected Executive Vice President. Their previous positions will be filled by nomination from the Executive Committee.

It's time for the annual Freeze Fly. New Years Day, be the first to fly in 2012. We will be there early (~8:00) with coffee, donuts and hot cocoa. We plan on supplying dogs and burgers and deep-fried turkey, along with something to drink (~10:00). Please bring a dish to share with your fellow members: it can be a side or dessert. Don't forget to bring something to fly! Let's hope for good weather, but we always have the pavilion!

Dick Stewart reports that the auction was well attended. We took in a bit more on table fees and raffles than in the past, but revenue from the auction was about half. My impression was that the sellers overpriced the reserve on their product and buyers were looking for big bargains, so "ne'er the twain did meet."

Those of you looking for ammo boxes to store your LiPos should be able to find them at any local gun store for around \$15.00.

Remember that early renewal discount for dues end January 15th.

## UPCOMING EVENTS

### **FREEZE FLY - January 1 (Sunday)**

The Annual Freeze Fly will take place on New Year's Day, which falls on a Sunday this year. Last year's was a ton of fun - food, flying, even snowballs!

**Photos from last year:** <http://www.delawarerc.org/2011freezefly>

**Video from last year:** [http://www.youtube.com/watch?v=mzB\\_cAX6Rxl](http://www.youtube.com/watch?v=mzB_cAX6Rxl)

## SAFETY CORNER

Mobile phones operate on 2.4 Ghz, so they can cause radio interference with R/C aircraft. Please turn them off or leave them on one of the picnic tables or in your car while you're in the pitts.

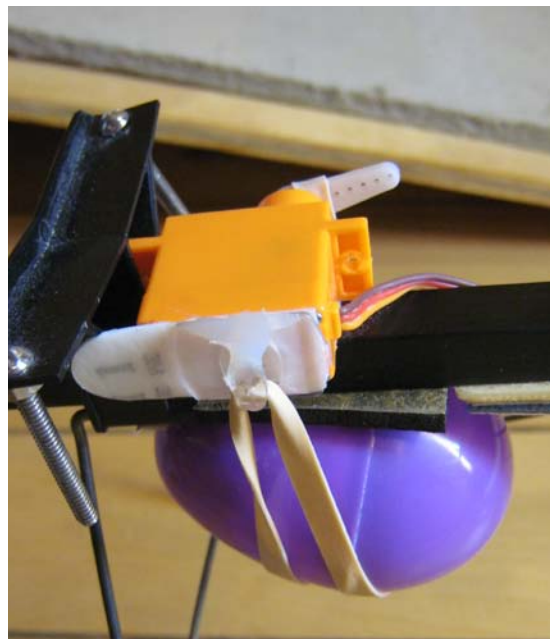
# CHALLENGES

## FREEZE FLY BOMB DROP COMPETITION

We're going to do a bomb drop competition as part of the freeze fly. It's a just for fun event. Any airplane can be used to drop bombs. We find slower planes make better bombers, but feel free to use anything you want. No prize will be awarded, although the winner can take home all the left over flour.

The rules of the bomb drop are simple:

- Contestants attempt to land their bomb nearest the center of a circle painted on the field.
- Measurements will be made from the flour mark closest to the center, or where the bomb comes to rest if a "solid" bomb is used.
- The bomber must remain high enough that there sky can be seen between the tree line and the bomber until after bomb release. Dive bombing is allowed as long as the release is done at the required altitude. In case of a crash the measurement will be made from there the bomb comes to rest not the aircraft wreckage.
- Each pilot/team will get 3 attempts at the target. If more than one bomb is dropped at one time, each bomb is counted as an attempt. If a bomb fails to release, or if the bomb drops before being released by the pilot/bombadier, it will not constitute an attempt.
- In case of a tie, a bomb off will be conducted.
- The bomb drop may be done solo (pilot drops the bomb), or the pilot may have a bombardier to release the bomb. (In the case of teams any prize will be shared. Assuming we actually come up with one.)



Plastic “Easter eggs” filled with flour will be provided as bombs. You may, however, provide your own bomb if you wish. One bomb drop servo will also be available at the site. Fuzzy “Velcro” will be attached to one side of the servo. All you need to drop the bomb is to put some hook side “Velcro” to the bottom of your plane and attach the servo to a free port on your receiver.

Bomb releases with break apart bombs are available at hobby shops, but you don't need to go out and buy specialized bomb release mechanism. At its simplest all you need to drop a bomb is a small servo, a hook of some sort, and a rubber band. Attach the hook to the servo, the rubber band to the hook, and loop the rubber band over the “bomb” and up to the servo arm. Activating the servo releases the rubber band and the bomb. What could be easier?

## CHALLENGES (Continued)

### FRANKENPLANE FUN FLY

Most of us have parts from old airplanes lying around in the dusty corners of the shop. Each successive year provides opportunities to turn a perfectly good airplane back into so many parts. Usually the parts just sit and collect dust, until we finally give or throw them away. But why do that, when you can build a Franken plane?

Just like Frankenstein's monster was made from the parts of a number of human corpses. A Frankenplane is an airplane cobbled together from the corpses of other airplanes. With Frankenplanes the more unusual the resulting airplane the better.

The idea of a Frankenplane is not original to us. We stole it from the guys at Flite Test. Check out their video on YouTube:

[http://www.youtube.com/watch?v=-75v2G1o40U&list=SL&feature=sh\\_e\\_se](http://www.youtube.com/watch?v=-75v2G1o40U&list=SL&feature=sh_e_se)

The wonderful thing about a Frankenplane, is that it doesn't need to look great. Heck, with a Frankenplane the uglier the better. It just needs to be able to fly, or at least claw its way into the sky and then “land” on the flying field.

This fall, sometime near Halloween, we are hoping to have an unofficial Frankenplane fun fly. It's an opportunity to show everyone how well the plane you cobbled together flies. If all of a sudden find you have a number of model airplane parts on your hands, and you don't feel like building a Frankenplane, feel free to offer them up to your fellow modelers. There's bound to be a Frankenplaner somewhere in the lot.

If you build a Franken plane between now and October, take a picture of it, and send it to [delawarerc@mcclurgstudios.com](mailto:delawarerc@mcclurgstudios.com) and we will publish it in that month's newsletter.

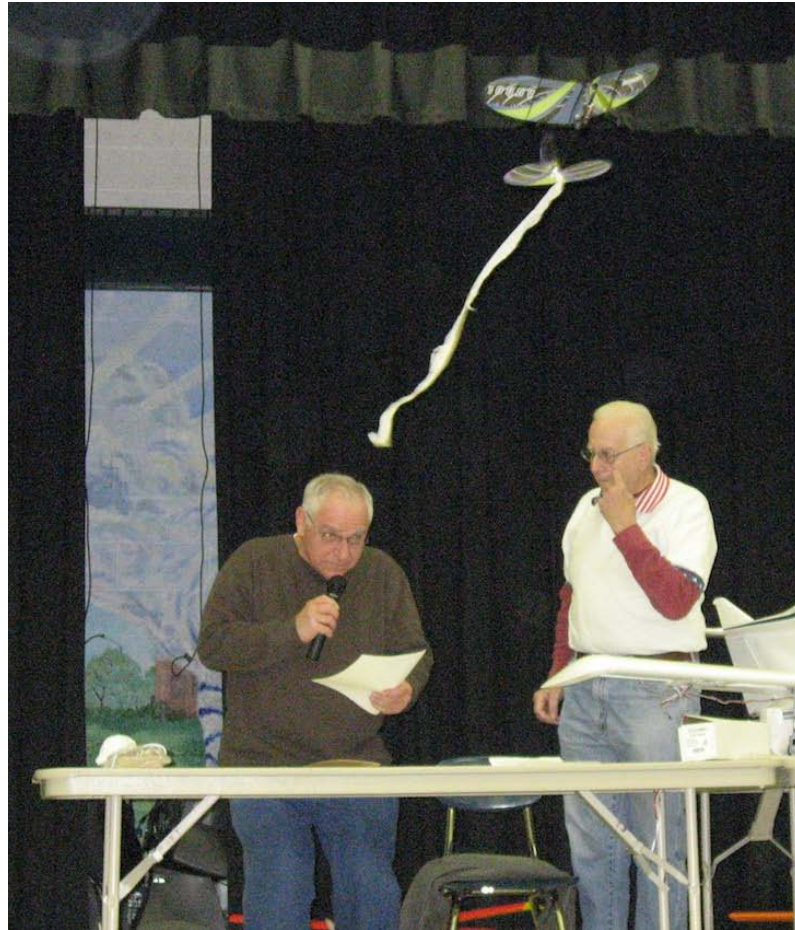


## AUCTION AND SWAP MEET

The annual Auction and Swap Meet is always fun and this year's was no exception.

As the Prez reported, many vendors had difficulty selling their planes. One vendor did have the size planes at the prices that the attendees were looking for - Pete Malchione. He reports that he had about 3 cars full of planes and didn't get any of them to his table. As soon as he walked in the door with one, someone was ready to buy it.

Vinnie had fun teasing the autioneers with a Vapor and some TP. Meanwhile, Scott learned that even an asthmatic can take out a Vapor with just a good puff.













## WRAPPING THE PAVILION FOR WINTER

A few souls showed up early on October 30th, braving the cold and winds to wrap the pavilion. Others struggled in as the job was nearing completion. It was all done by noon. Our thanks to those who worked so hard to get the job done.









## PHOTOS AT THE FIELD























### **Glitch Busters**

is a monthly publication of the Delaware R/C Club:

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