

June, 2006

AMA #197 / IMAA#687

# Glitch Busters



Delaware R/C Club, [WWW.DelawareRC.org](http://WWW.DelawareRC.org)

## Two Tony's E-Fly

On May 20th when I was loading the truck for the contest it was raining. Thankfully it stopped but the wind got worse. I think we had 25 mph winds that day. People started to trickle in and by 10:00 AM. We had 35 pilots registered and a number of spectators.

Thanks goes to **Paul Bryk** for registration and raffle sales and **Andy Kane** for meeting pilots and managing parking. A **Special**

**Thank You** to **Tony Albence** for keeping the CD from losing his cool and providing constant advice throughout the day. The day went very well.

The **first flyer** was **Cliff Tacie**. The three events of the day were Spot Landing, won by **John Chapis**. **World War Scramble** and Time First Landing were won by **Tim Stagg**. The **50/50** drawing of \$56 was won by **Tarry Carmine**. There was a raffle for a large electric kit and two smaller kits. **Frank DuBosq**; was the first winner; second was **Dawson Gillaspay** and third bn.

There were also many giveaways for pilots for just showing up. Prizes ranged from plans to accessories. There were also a lot of tailgate sales.

Food was provided by the Boy Scouts.

We may do this again!

Jim Schlapfer, CD Two Tony's Electric Fun Fly



Stan Michalski's B-29 looking great



Electric Fly-ins bring out unusual models

### Next Club Meeting: June 6, 2006

- Location: Wm Penn HS Cafeteria 2
- Raffle: TBA
- Program Topic: TBA -
- Next Club Event  
Fun-Scale Contest Saturday, June 17, 2006

### Inside this issue:

- Minutes 2  
AMA Nat Mtg 3  
Event Sched. 4

### Delaware RC Club Welcomes

#### New Members:

**Michael Gregory,  
Brad Finley, Jeff  
Truka, Charles  
Shaw, Flavio  
DePaula and  
Courtney DePaula**

### Club Up-Date

President Moyer tells me that the grass work is finished (rolling is scheduled for this Saturday)

Tony Albence reminds us that the Fun-Scale Contest is next on the agenda. Entry requires only that you have a picture to prove that your scale plane actually existed. The contest includes a series of ten scale maneuvers, five of which are basic and mandatory (like take-off and land). The amount of prizes available ensures that every entrant gets at least something.

## Meeting Minutes

Minutes of May 2<sup>nd</sup> General Membership Meeting

The meeting was brought to order at 7:37 pm by president **Dave Moyer**. Three new **guests** were present :**Mark Payne** and his son **Travis** and **Jeff Tourouka**.

Mark and Travis are just starting out in R/C airplanes and Jeff has a Heli he needs assistance with. .



**Show and Tell:** **George Haake** showed his **Great Planes P-51** combat plane and its launching trolley. **Stan Michalski** showed us his **Kondor B-25 electric** project which he hopes to fly soon, and **Dick Stewart** displayed and told us about his **Curtis P6E Biplane** with a G-26 engine which he says runs very strong. **President Dave** reminded everyone that **park stickers are now required** and that the Rangers have informed him **there will be no warnings**. He also informed us that he put the **new Club rule sign** up over the impound rack and advised everyone to read and understand the rules as compliance will be enforced from now on .

There was no interest in providing people and planes for a static display at the Ocean City Airshow in June Dave is going to notify the OC Club that we will not be attending.

**Dave Moyer** explained that in the very near **future crab grass killer and fertilizer** will be applied to eliminate the weeds and improve the grass quality of the runway. He also told us that we are on budget for the Grass maintenance this year at around 1200 dollars.

Everyone was reminded that the **Two Tony's Electric Fly** in is coming up on May 20<sup>th</sup>. **Jim Schlapfer** said he has had some phone calls expressing interest in the event ,but a lot will depend on weather. He still needs volunteers and said there are some nice prizes to give away. John Kirchstein asked if someone could fill in for him taking photos at the May 20<sup>th</sup> electric fly. Stan Michalski said his wife would be able to do the photo shoot.

The **Fun Scale Contest** is coming up on June 17<sup>th</sup> .**Tony Albence** said all you need to do to enter an airplane is bring the plane and a picture to prove it existed in full scale. He still needs volunteers to help out with the event.

**Dave Moyer** passed along a request from **Pete Malchione** in regards to WOD **that NO Club members set up their pit tent in the front row** as this was already planned for other use. He said they should pit in the area over by the heli runway.

**Helis over Delaware:** Dave Moyer requested that anyone interested in helping out contact **Brian Pasternak**, as he still does not have enough volunteers for the event. Dave emphasized that this event is a good money maker for our club and that volunteers need to step forward soon to help Brian out.

**Grass mowing has started:** no one should plan on flying while the mowing is going on **every Friday**. It can also vary as to when its done due to weather so please cooperate in letting the Jim do he job safely.

**Dick Stewart** gave the **treasures report**. It was accepted with no comments.

**John Kirchstein** explained that he will be attending an **AMA National meeting** at the Joe Nall fly in and asked that anyone with questions or concerns for the AMA give them to him and he will pass them on to AMA. John also told everyone about the AMA's proposal to create a new membership category for electric/park flyers and some group discussion was held on that topic by all members.

The subject of smoking in the pits was raised again and discussion was held. Its not a rule but more common sense . It seems that some people are doing it even while fueling their aircraft. It was requested that people stop this practice as it is hazardous.

**50/50:** The winner got 28.00 .

Minutes taken by Stan Michalski

Filling in for Brian P.

**Pictures on these two pages from Joe Nall '06  
by John Kirchstein**

## AMA National Meeting

AMA Annual Meeting held at Joe Nall May 18, 2006

**Dave Brown** talked about the recent fatal accident in Hungary. A giant scale biplane went into the spectator area when an interfering signal was broadcast by a local media station. AMA is already getting inquiries about the possibility of this occurring in the US. It's Dave's opinion that this is a strictly European problem, since we have better control; and knowledge of the frequency band.

Dave asked for our opinions on the amount the AMA should "interfere" in **local club politics**. He continues to get an inordinate amount of calls trying to get the AMA to "do something about the club officers" He feels that these matters are part of the "democracy" of a club.

AMA is looking for a way to capture the "**Park Flyer**" influx. They are thinking of establishing **Electric Only fields** and maybe a different class of membership. A committee is considering it.

The **average age** of AMA members is **58 and climbing**, while the membership declines slowly.

The **Introductory Pilot Program has been revised** to allow more IPs in a club, insurance coverage while flying either student or IP aircraft and sign up on the web to reduce paperwork ( a complete outline is in the latest Model Aviation Magazine)

### Other tidbits gathered:

AMA staff is about 50 people.

Applications for Executive Director are being processed now.



Don't look for Spread Spectrum **long range radios** any-time soon, but when they solve the range problem there will be a flood of them on the market( not much in the way of patentable technology and type certification isn't needed for the transmitter portion of the device, so there will likely be modules to fit anyone's (module) transmitter

John Kirchstein

Reminder: The front row at the Warbirds event is reserved for our visitor. Club Members should set up on the area by the Helicopter Runway





*Delaware R/C Club,*  
[WWW.DelawareRC.org](http://WWW.DelawareRC.org)

**Glitch Busters** is a monthly  
publication of the  
**Delaware RC Club**

President: Dave Moyer 302-376-0404  
V. P.: Stan Michalski 410-658-3947  
Secretary: Brian Pasternak 302-765-2545  
Treasurer: Dick Stewart 302-368-2911  
Safety Officers:  
Stan Michalski 410-658-3947  
John Kirchstein 302-731-2831  
Editor: John Kirchstein 302-731-2831

**Cloud Kings annual Airshow at  
Harris airport, scheduled for June  
24th with a rain date of the 25th**

**Park requires parking stickers**

**May 1st**

**Buy them now!**

**Don't forget to pay your club dues**

<b>Set Your Course for Upcoming Club Events</b>	
Saturday, June 17, 2006	Fun Scale Contest
July 13 – 16, 2006	Warbirds over Delaware
July 28-30, 2006	Helis over Delaware

---

Delaware R/C Club  
106 DeWalt Rd  
Newark, DE 19711-7631

# **I Love Lucy**

*by Terry Blanch*

Polk Hobbies sells a plane called Lucy. It is listed as a 3D glow airplane requiring a .40 to .48 engine. Of course, I was going to make it electric. This airplane was my first attempt at a glow to electric conversion and also the largest electric airplane in my hanger. Everyone was having sales, so the path to my equipment choices was paved with “on sale now” and “special price”. The servos are GWS 303 standard servos from Balsa Products. The receiver is a Polk Hobbies Seeker Six and the Axi motor and Polyquest batteries are from Hobby-Lobby. Middletown Electronics ordered a GreatPlanes 45 amp brushless controller and the connectors for the motor to controller connections.

The airframe assembly was straight forward. My only mistake was to install the servos for the elevator and the rudder in the tail of the fuselage before the motor and batteries arrived. To achieve the recommended balance point without adding weight, the servos were moved to a location above the wing. The servo bay was already there, so no modifications were needed.

The batteries fit where the fuel tank belonged and were held in place by Velcro and foam pieces. I used two 4000 Mah 3S1P Polyquest lithium polymer batteries in parallel and just flew Lucy with a pair of Perfect Balance packs of the same rating from Skyshark RC.

A plate of ¼ inch lite plywood and 3mm bolts was used to mount the motor. The plate had both the glow engine mounting bolt pattern and the Axi radial mount pattern drilled into it and the 3mm bolts installed before it was attached to the firewall using the blind nuts and bolts provided for the glow engine mount. The Axi motor slid over the 3mm bolts and a nut on both the front and back of the mount secured it and adjusted it for right and down thrust. I used ny-lock nuts in front of the motor mount.

The first flight was perfect and Lucy jumped of the runway in about ten feet and climbed out perfectly. The speed control was cutting out and I had forgotten the alternate propellers in my rush to get a flight in. The cut out problem continued until I determined the speed control needed more cooling and mounted it on the side of the fuselage with a small heat sink attached. Now I can try some different propellers. At less than half throttle she takes off and at one-third throttle, she flies without losing altitude. The only thing I may change is the speed control, but it seems to be working better now that it is staying cool. I have flown Lucy gently and will continue to do so until I feel the batteries have been broken in correctly. Still she can roll and loop very adeptly at less than half throttle, so I feel this project has been successful. Try it, you may find you like putting your large plane away without cleaning it.

Airframe weight 3.2 Lbs 52 oz.

Battery weight 9.5 oz each (2 used)

Motor weight 6.3 oz Axi 2826 08

Speed control GreatPlanes 45amp Brushless

Prop APC 11x5.5E 42amps @ 11.90 volts for 499.80 watts or just under 100 watts per pound



**JOE  
NALL  
FLY\_IN**



**May  
17 -20,  
2006**



# ***Cloud Kings R/C Airshow***

## ***June 24, 2006***



**Flying Demonstrations, Food, Raffle, R/C  
Tailgate Sale**

**Open Flying for AMA Members  
Family Fun!**

**Harris Private Airport  
650 Penns Grove Road  
Lincoln University, PA**

**(Near intersection of US 1 and PA 896)**

**10AM - Dusk - Rain Date June 25**

**Contact: Mark McQuaide, 610-255-3983**