



# Glitch Busters

September 2013

**NEXT MEETING**  
**September 10**  
**7:00 PM**

**New Garden Airport**  
**Toughkenamon, PA**

**Fun Fly @ New Garden Airport - September 10, 2013**

**Fall Picnic - September 22nd**

**Flea Market & Swap Meet - November 2, 2013**

## UPCOMING EVENTS

AMA #197 / IMAA #687

## ON THE COVER

A time-lapse photo of a bird at Helis Over Delaware.

## FROM THE PRESIDENT

Wow! The Board's decision to change the annual dues and our view regarding volunteering sent shock waves through my email box. Actually, everyone of the emails were well written and I responded to every one. And in every case when I was taken to task, my response evoked an apology from the writer. By the way, I received many emails of 100% support and even from folks who were not current members wanting to come back for their Board was willing to make and stand behind tough decisions. So, for the last time, please stop reading between the lines and read exactly what is written on the lines.

1. We increased dues because our rising fixed costs cannot be raised by our prior level of annual dues. We did not raise dues because we were lower than 75% of the clubs. We looked at their rates to make sure we were making responsible decisions.

2. No where did we write or say that if you do not want to volunteer and do not want to pay the extra \$25 to be on our "Do not call me for Volunteering this year" list, you had to leave the club. If you do not want to volunteer and do not pay the \$25, we will simply call you during the year as we try and raise





enough manpower to run each event and activity properly.

3. We have taken the lead by creating about 8 categories of events/activities and each Board member has take the lead on each one of these. Three of us are taking the Warbirds event to reduce the stress on Pete and Dave. To get these events properly executed, it takes volunteers. Period. Sometimes we need volunteers who can have with physical work while other assignments are for folks to be planted in comfortable chairs and work at various club events. OK? Good.

4. And finally, yes I did make a math error where I stated that if one were to opt out of volunteering and was a full dues paying member, that person would be paying \$75/year. The correct number is \$85. My mistake and it will probably happen again so make sure you carefully read my editorials.

Now, thank you to Bob Chapman and the Heli team for doing a great job at "Heli's Over Delaware." Quietly and without a lot of fanfare, that group does a great job year and year. Thank you.

Our next club meeting with be Tuesday, September 10th at the New Garden Airport, Avondale, PA. The airport manager Jon Martin will close the runway to full scale traffic around 2PM so that we can fly RC there until about 7:00PM. We will hold our general membership meeting right after the flying has stopped and we will cook out hamburgers and hot dogs too. I wonder who will be doing the cooking, getting the food, etc?? Volunteers?

The October meeting will be held at G-Force Hobby Shop. John said he has more space in the newer store where he handles previously owned R/C equipment. More on that meeting later on.

Have a wonderful Labor Day Weekend.  
Mark





## HELIS OVER DELAWARE by Roger McClurg



OK I'll admit it. I'm a fixed wing guy, and I had a good time at Helis Over Delaware (HOD). Well, except for Saturday night. Then I had a great time!

The pilots at HOD were impressive. What they made a helicopter do is simply amazing. My eyes are still sore from trying to keep up with some of those extreme maneuvers (old age I guess).

My favorite daytime event has to be autorotation. Watching a power off heli drop hundreds of feet, and then be able to gently spot land is something that just has to be seen. Once you get used to normal autorotation landings, then watch them done inverted. No, they don't land inverted. They just plummet inverted, then a few feet from the ground stop dead in the air for a split second, flip right side up, and make a gentle landing. All this is done without power. It's simply amazing.





Saturday night is when the lights came on. First they turned on two sets of construction flood light arrays. Those things turn night into day. Once on, the show started. Extreme flying takes incredible reflexes during the day, but at night... It is a sight to see. In some cases, like when the pilot takes the heli so far up that it disappears into the black, see is not quite the word. Experience is a better word.

After what seemed only a few minutes, the lights were turned out, and the helis lit up the sky by themselves. Flying a fixed wing airplane at night by looking at LEDs taped all over is difficult enough. Flying one of these helis by LED light has to be ever so much harder. Then again, what was done with these birds in the dark went way above mere flying. It was art in the sky at hyper speed. Hopefully our photos will convey some of what we saw. If any of this sounds interesting, then you won't want to miss Scott's video on Youtube (<http://www.youtube.com/watch?v=w5IA-827Ilk>), or go to youtube.com and search on "helis over delaware 2013".

Here is a bit of what Chad Graham, the CD, had to say about the event:

Another HOD in the history books! I hope everyone had as good a time as I did. I wanted to send out a quick recap of the event and highlight some of the amazingly hard work everyone put it!

This year we had 85 registered pilots and I would guess well over 50 spectators! The event made a net profit of \$2295 dollars that have been donated to the Delaware RC club. The raffle this year had two kits in it and prizes worth over \$4300 from various vendors. It took an extraordinary effort on everyone's part and I would like mention a few of the major things that stuck out! If I forgot someone or something please let me know so I can add them to the list.

Hopefully it comes out in the detail but we had club members that donated over 50 hours of time in 4 days to this event. This group is passionate, dedicated and committed to the Delaware RC club and hobby. We had over 21 people between club members and outside people donate time and effort to the event. Thanks, It was fun being a part of this.



Club members: Bob Chapman, Nate Peterson, Dave Williams, Billy Bouchard, Rob Pleasanton, Brian Banks, Ron Riccio, Brian Pasternak, and Scott McClurg

Special guests: Dave Halverson, Raja Bortcost, Ed House,: Mike HootOwl, Art Hughes, Darrick Checkas, Wesley Griffith, Aaram Basmadjian, Bill Rivellio, Matt Graham, Bob Chew, and Shawn Taylor.

Thank You

















## PARKZONE WILDCAT MODS by Scott McClurg



The Parkzone Wildcat is one of the most popular foamies around. If you've ever flown one, there's no doubt why. It's smooth, it flies like a warbird, it's highly maneuverable at low speed, it glides beautifully, and with no gear, it won't flip over on the arresting gear we call crab grass. Still, there are a few things about it that could be improved. Fortunately, they're easy and inexpensive.

The very first thing you'll want to do is something few pilots try - replace the prop. It comes with a seriously flimsy prop. I bought mine from G-force and when I did, Tony suggested swapping the prop for an APC 10x7. So, I did. Roger and I did static thrust tests and hooked it up to a Watt meter. We found the 10x7 produced about 10% more thrust while using less electricity. So, it's faster with longer flights. And it's a lot sturdier. No brainer.

Next, you'll want to use a larger battery than the 1300mAh it comes with. This isn't just for longer flights. The plane just flies better with the extra weight. It glides better, penetrates the wind better, and is more stable. Plus, it'll increase your flight times by 50-100%, depending on the battery you use. A lot of folks like to use 2200mAh batteries, but to do that, you'll need to change where you place it and might need to carve out some of the foam. Not a lot of work, but I've found that by using an 1800mAh, you can put the battery exactly where it was before and you don't even have to adjust the CG. (DISCLAIMER- check your CG before and after. Don't depend on my advice to keep you from crashing.)

The last problem with the plane is the color scheme. Yes, it looks great. It's scale. And it's invisible in just about any sky. Just look at the photo above (borrowed from the Parkzone website). I threatened to repaint mine in the classic AT-6 yellow scheme, but found that there was an earlier scheme used by





the Navy that stood out a lot better. So, I opted to go with that. Matching it exactly would have been a lot of work, so I went with “close enough” scale.

I omitted a few of the stars and a white ring on the cowling that was going to be hard to mask off without taking some of my silver paint with it. The tail colors varied from squadron to squadron. Was there one with red? I don't know, but red shows up well in the sky, so I used it. The objective, after all, was to make it visible.

For the silver, red and yellow, I used standard Krylon spray paint. I sanded the parts lightly, cleaned them with alcohol, and painted everything silver. Then, I painted the red and yellow overtop. The paint goes on easily and doesn't take much to coat. So, it didn't add much weight.

The white stripes on the wings were done using white packing tape. On the fuselage, I used Apple Barrel white acrylic, which I just brushed on. The fuselage is just too complex a curve there to use wide tape. Finally, I used black pinstriping tape for all the accents. It stays on pretty well most places, but it has a tendency to come off where the fuselage necks in.

I've flown it now in blue skies and gray, front lit, back lit, and it is easier to see it and tell its orientation than any other plane I've flown.







## PHOTO FROM THE FIELD





































# **FLEA MARKET & SWAP MEET**

**Saturday**

**November 2, 2013**

**Shue Middle School**

**1500 Capitol Trail (Kirkwood Highway)**

Sponsored by.....  
the

**DELAWARE R/C CLUB**

Tables \$ 15.00 ea.      Confirm reservation by Oct. 1<sup>st</sup>  
Set Up @ 8:00am      40 Tables for rent  
"Pop Up Auctioneer" available by request  
Stage Rental for Large Models \$ 10.00 ea.

**Doors open to the Public @ 8:30am**

**Food available- hot dogs, coffee, sodas, snacks**  
**Raffle Prizes & 50/50**

**For more info call Dick Stewart on (302) 368-5171**

**Forms, map, etc. on web site: [www.delawarerc.org](http://www.delawarerc.org)**



# 13<sup>th</sup> Annual

## Kutztown, PA Fairgrounds

# R/C Swap Meet

Sponsored by the Kutztown Aerodrome R/C Squadron

**Date:**

**Saturday - September 28<sup>th</sup>, 2013 (rain or shine)**

**Time:**

**Set-Up - 8 a.m.**

**Doors Open 9 a.m. until 2 p.m.**



**Location: Kutztown, PA Fairgrounds (Main Gate #1)**  
**145 - 205 North Whiteoak Street**  
**Kutztown, PA 19530**

**Food and Drink Concession**  
**Plenty of FREE parking**

**General Admission: \$4**

**8' Vending Tables: \$11 each**

**Registration requested, send S.A.S.E. with check or money order payable to K.A.R.C.S.**

**Include your name and phone number to:**

**Ernie Jones**  
**4913 Steeplechase Drive**  
**Macungie, PA 18062**

**For Additional Information Contact:**

**Ernie Jones 610-530-2076 or Dan Joy 610-926-2522**

### **DIRECTIONS FROM:**

**Allentown** – Take I-78 West to exit 40 (Route 737). Take Route 737 South 3.5 miles to Kutztown, turn right on Fairview Drive at the funeral home. Travel about 1 block. Turn left on North Whiteoak Street. Continue about 2 blocks. Fairgrounds main gate will be on your right.

**Harrisburg**- Take I-81 North to I-78 East to exit 40 (Route 737). Take Route 737 South 3.5 miles to Kutztown. Turn right on Fairview Drive at the funeral home. Travel about 1 block. Turn left on North Whiteoak Street. Continue about 2 blocks. Fairgrounds main gate will be on your right.

**Philadelphia**- Take 476 North (Northeast Extension of Turnpike). Exit at the Lehigh Valley Interchange #56 and go West on Route 22-78, which turns into Route 78 West, for 12 miles to exit 40 (Route 737). Take Route 737 South 3.5 miles to Kutztown. Turn right on Fairview Drive at the funeral home. Travel about 1 block. Turn left on North Whiteoak Street. Continue about 2 blocks. Fairgrounds main gate will be on your right.



Get ready for another  
building season



Fauquier Aero Recreation Modelers

# **F.A.R.M. 2013 Fall R/C Float Fly**

AMA Sanction 13-1297

**Saturday, 5 October**



Open to all AMA Members

Bring the family and friends.

Fly R/C amphibians or float planes off the lake

Run R/C boats

Sail R/C sailboats



Enjoy lunch under the shaded pavilion with indoor restrooms

Date: Saturday, 5 October 2013 (rain or shine)

Time: 9:00 a.m. to 4:00 p.m.

**\$20.00 pilot's fee (Air & Surface) includes lunch**

**Lunch available for non-pilots for \$5.00**

Lunch Menu: Hot Dogs, Hamburgers, Rolls, Potato Chips, Potato Salad, Dessert, Sodas, Water

Location: Scenic Lake Ritchie, 5177 Lake Ritchie Road, Bealeton VA 22712

Directions: --From the North out of Warrenton on US-29 South, Left onto US-17 South at Opal, in 6.9 miles turn left onto 644 (Ritchie Road) at the Flying Circus sign. Follow signs for the Float Fly.  
--From the South out of Fredericksburg on US-17 North, in 20.9 miles turn right onto 644 (Ritchie Road) at the Flying Circus sign. Follow signs for the Float Fly.

Questions? Contact Nic at [npb6218@earthlink.net](mailto:npb6218@earthlink.net) Or 540-349-2733



# **The Cloud Kings R/C Club of Oxford, PA**

AT HOME INVERTED  
GREAT STABILITY AND HIGHLY MANEUVERABLE invite you to

## **Octoberfest 2013**

**October 12, 2013 at West Field, Oxford, PA**

A fun fly for vintage, antique and the latest in radio control airplanes. Featured event is the "Rudder Only Festival of Flight". Eligible airplanes allowed two channels of control. Class 1 RC Pattern, three rounds flown. Hours 8:00AM to 4:00PM, rain or shine. Pilot registration \$15. All AMA members are welcome. Lunch available on the field. Saturday evening dinner. Awards for Vintage RC Society Concours and Society of Antique Modelers Concours. Pilots Choice and Best of Show awards for best model.

**Directions to West Field**

**<http://www.cloudkingsrc.org/site/flying-sites/west-field>**

**For more information, contact:**

**Contest Director: Mike Denest 610-316-3570 [mjd12k@yahoo.com](mailto:mjd12k@yahoo.com)**



We'd like to thank G-Force Hobbies for their generous support of our club:



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**Glitch Busters**

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[www.delawarerc.org](http://www.delawarerc.org)

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