



# The Flightline



Volume 44, Issue 10   Newsletter of the Propstoppers RC Club   AMA 1042   October 2014



## ***President's Message***

I would like to thank all that showed up at the picnic. The minister's wife was very pleased with the turnout of support. There were approximately 300 people to watch the spectacular candy drops. This drop was made possible by Dave Harding and Al Tamboro. Dick Bartkowski, our master chef, did another fine job cooking, no one went away hungry. The hot sausage was excellent. Would like to thank Bill Tomasco For his help with picnics all year and Larry Woodward for saving the day with candy, the kids loved it. Indoor flying starts in November.

Election time is here If you would like to run this is the meeting. We could use some show & tell at the meeting so if you have any and would like to share bring them in.

***Dick Seiwell, President***

***Agenda for October 14th Meeting At  
Gateway Community Church,  
At our CA Field site;  
Meeting 7pm till 8:30?***

1. Show and Tell
2. Membership Report
3. Finance Report
4. Nominations for Office
5. Club Calendar Review

***Minutes of the Propstoppers Model Airplane Club  
August 12, 2014 at the Christian Academy meeting room***

Call to order was at 19:10 by VP chuck Kime

Roll call the membership chair Ray Wopatek showed 18 members present

Minutes of the August meeting as published were accepted  
Treasurer's report by Pete Oettinger was presented

***Old Business:***

The club picnic is coming October 4. Food and drink will be provided. The church group will be there as spectators as they were last year.

***New Business:***

The indoor season is beginning. The dates are included below. E-mail reminders will be sent prior to each event.

***Show and Tell:***

Mick Harris showed his small electric cabin model plane. It started life as a Frog Redwing rubber model of 18 inches wingspan. He constructed it double size and converted it to electric. It is covered with Mylar and tissue looking much like an original tissue covered model. The first flight was a little weak, so he changed the motor to one with more power.



<b>INSIDE THIS ISSUE</b>	
<b>1</b>	<b><i>President's Message</i></b>
<b>1</b>	<b><i>September Meeting Minutes</i></b>
<b>1</b>	<b><i>October Meeting Agenda</i></b>
<b>2</b>	<b><i>Indoor Program Approved</i></b>
<b>3</b>	<b><i>4<sup>th</sup> October Picnic Report</i></b>
<b>6</b>	<b><i>At the Fields</i></b>
<b>8</b>	<b><i>Chris Maruzzi's Aerobat</i></b>
<b>8</b>	<b><i>Propstoppers at the SAM Champs</i></b>
<b>9</b>	<b><i>What you fly when it blows like hell</i></b>
<b>11</b>	<b><i>Soldering Challenged?</i></b>
<b>12</b>	<b><i>Message from the Coast; Al Cheung</i></b>
<b>14</b>	<b><i>Helicopter Museum Rotorfest reminder</i></b>

## Calendar of Events

### Club Meetings

#### Monthly Meetings

Second Tuesday of the month.  
Gateway Community Church at the Christian Academy. Doors open at 7:00  
**Next Meeting; 14<sup>th</sup> October**

#### Tuesday Breakfast Meeting

Tom Jones Restaurant on Edgemont Avenue in Brookhaven. 9 till 10 am. Just show up.  
Flying after in the summer at CA or Elwyn Field 10 am. Weather permitting.  
Indoors at the Brookhaven Gym in bad weather 10:30-11:30 See dates allowable.

### Regular Club Flying

**At Old Christian Academy;** Electric Only  
Monday through Friday after school till dusk  
Saturday 10 am till dusk  
Sunday, after Church; 12 pm till dusk  
**At Elwyn Field;** Gas or Electric  
Monday through Saturday 8 am till dusk  
Sunday 12 pm till dusk  
**INDOOR Flying,** see attached dates.

### Special Club Flying

Saturday mornings 10 am  
Wednesday Helicopter evening in summer  
Thursday evenings in the summer  
**Tuesday mornings 10 am** weather permitting after breakfast.  
Check our Yahoo Group for announcements;  
<http://groups.yahoo.com/group/propstoppers/>

### Beginners

Beginners using due caution and respecting club rules may fly Apprentice or similar models without instructors at Christian Academy Field.  
The club also provides the AMA Introductory Pilot Program for beginners without AMA insurance.

## Propstoppers RC Club of Delaware County, Pennsylvania.

### Club Officers

President Dick Seiwell (610) 566-2698 [reslawns@verizon.net](mailto:reslawns@verizon.net)  
Vice President Chuck Kime (610) 833-5256

Secretary Richard Bartkowski (610) 566-3950 [rbartkowsky@comcast.net](mailto:rbartkowsky@comcast.net)

Treasurer Pete Oettinger 610-627-9564

Membership Chairman Ray Wopatek (610) 626-0732 [raywop@gmail.com](mailto:raywop@gmail.com)

Safety Officers Eric Hofberg [bgsteam@comcas.net](mailto:bgsteam@comcas.net)

Ryan Schurman [throttle152@hotmail.com](mailto:throttle152@hotmail.com)

(610) 565-0408

Newsletter Editor

Dave Harding [davejean1@comcast.net](mailto:davejean1@comcast.net)

(610)-872-1457

Propstoppers Web Site; [www.propstoppers.org](http://www.propstoppers.org)

*Material herein may be freely copied for personal use but shall not be reproduced for sale.*

## Indoor Season Dates

Mike Black has received confirmation for the following dates for indoor flying at Tinicum School Gymnasium.

Friday, November 7, 2014  
Friday, December 5, 2014  
Friday, January 2, 2015  
Friday, February 6, 2015  
Friday March 6, 2015

Dick Seiwell received confirmation for Brookhaven Gym dates;

Saturday Nov. 15 2014  
Saturday Dec 20 2014  
Saturday Jan 17 2015  
Saturday Feb 21 2015  
Saturday March 21 2015

All sessions are scheduled from 6:30 – 9:30 PM  
Please remind the membership that no food or gum is allowed.

### Show and Tell Continued

Dwayne Myers brought in his 3D printer that he had discussed in the past. He set it up at the meeting and printed a few parts while the meeting was on going. He also showed several quadcopters. The bodies were constructed from plastic formed on the printer. He has built a motor mounts and many handy and even complex parts.



Dwayne fabricated a small quad copter part he designed to replace the stock one. This part had increased strength. It was designed on a 3D CAD program which Dwayne demonstrated too. Here is the part he made;





Adjournment took place at 7:50 PM

**Dick Bartkowski, Secretary**

---

### ***The Great October Picnic***

The October club picnic held in conjunction with the Gateway Church was a great success. We had been asked to arrange a club flying picnic on the date the Church planned their fall affair on the upper area. Despite a gloomy weather forecast it actually turned nice about the time the event began, although it was rather windy to begin. We had a good club turnout with some spirited flying. Club members also put on a series of demo flights to entertain our guests.





Of course we had our Master Chef and Grill Master Dick Bartkowski and Dick Seiwell prepare the food and Bill Tomasco with drinks so we didn't go hungry.



We promised to have a candy bomber to entertain the kids. Al Tamburo had offered the Telemaster Senior as the "horse" and editor Dave converted it to electric power. The travails in getting this beast to fly well enough have been reported in prior newsletters so all that was required was the fabrication of the candy drop device.



The response from the Church was way beyond our expectations. They announced the mission would take place at 5:15 and proceeded to bus some participants while a stream of others walked back to our field. There were over 100 kids straining at the barrier tapes in anticipation.



After a practice “mission” where pilot Al Tamburo and distance judging incompetent bombardier Dave, your editor managed to put the trial “bombs” in the trees, we flew three successful missions which thrilled the kids and their parents. In fact we had exhausted our supplies on the second mission but member Larry Woodward quickly bought a new payload so the third mission was flown and we ensured all the kids received a candy.

All in all a very enjoyable picnic and successful neighborhood activity with our meeting room hosts.

#### **Dave**

#### ***At the Fields***

Tuesday after breakfast flying continues to expand on good weather days. Here at the end of September members brought out 14 planes to fly. Conditions are ideal in the mornings as the sun is behind you and the trees provide all the shade you need. The farmer has now removed his electric fence but we don't know if he will be back next year.

Murray Walker has refurbished Dave Harding's old Miss America SAM Contest model and is flying it as a sport plane. A regular at the Tuesday morning Elwyn flying sessions.





## **Chris Maruzzi's Aerobat**

Here is more info on the plane. It is a Redwing RC 76" MXSR (Alex Stojanovski scheme) with optional Knife Edge Graphix vinyl package. Power system is a Hacker A60-5s motor, Falcon beechwood 21x10 propeller, ZTW Gecko 120HV opto ESC, Castle Creations BEC Pro, 8S battery power ( 2 Poweredge 4 cell, 4200 mah packs), Spektrum 7ch receiver, 5 Hitec 7955 TG (titanium gear) servos running high voltage (7.4v) with Spot On Rc aluminum double lock servo arms. This is a high quality ARF for a great price. Assembly was easy and straight forward with build manual on a CD included with kit and build videos available online on RedwingRC's website. This ARF was meant for 30cc gas power, but I converted to electric power and am very pleased with results. I highly recommend checking out RedwingRC to anyone interested in a great flying, easy to assemble aerobatic / 3D capable ARF.      **Chris**



## **Propstoppers at the Chet Lanzo Centennial SAM Champs in Muncie**

Our annual SAM Champs competition is flown on alternate coasts. This year it was held on the AMA's International Flying Site in Muncie IN. Your editor, Dick Bartkowski and the Kimes managed this week long affair for one hundred competitors. It included a swap meet and three receptions, the first of which was catered by Dick and held in the AMA Museum.

Chet Lanzo designed and built some of the most successful models of the 1930 and his models are still popular with the SAM competitors. This remarkable picture shows the SAM RC competitors with two of Chet's designs, one of them he actually built. Two members finished the models, had us sign them and went on to fly them in formation. One of them won the Classic Texaco event!

**Dave**



## **What You Fly When It Blows Like Hell Or, Monique's Fine Day On the Hill**

If you live in England, and you want to fly often, you recognize your model MUST fly in high winds. Now if you know of a desolate site on a hill, facing the prevailing South Westerly wind, you are on the right road. Here is a story of a Brit lady builder and flyer, written by a member of her team. Team you ask. Well, look at the model, an unpowered slope soarer. In England they call this branch of flying Power Scale Soaring.

Last Saturday we all went to Ivinghoe Beacon, near Dunstable, to help/watch Monique fly her Buccaneer. There was a strong blow on the west face but it produced marginal lift.





## **Soldering Challenged ?**

C'mon admit it. I have been surprised how many hobbyists can't solder and are afraid to admit to it. I had some club members over to my shop too many years ago to remember, to give a class on soldering technique. What surprised me most was that they had shied away from having any Kester's soldering flux in their workshop. They were victims of the constant propaganda not to use any acid solder or soldering fluxes in their work.

How do you clean the soldering iron tip? How do you get solder to tin and take to wires and wiring? I showed them how to tin difficult music wire for landing gears by holding the wire in the soldering paste and applying the tinned soldering iron tip to the area to be soldered after wrapping the joint with soft binding wire. You can actually touch the two pieces to be joined together prior to wire wrapping with the tinned soldering iron to stick them together and check your fit. If it's not right then just touch the iron to the joint to separate it and re-bend the pieces and try again until you get it right.

No wonder folks avoid models with cabane assys. Such as the Cleveland Thermalier or the Ace Whitman Falcon. There are more but I can't think of them right now. Okay. Here's the good news. In the micro Mark Catalogue they have listed a product in a small white tube named "Solder-It". Not too dramatic a name huh? The contents consists of a paste like flux with small particulates of a type of silver solder. The label states that there is no lead, cadmium or antimony. It has a low melting point of 430 degrees. It can be used with a soldering iron, open flame, butane, propane, acetylene or Map gas. It is easy to use with no skill or flux is required. It is 5 times as strong as ordinary solder and will join 22 different combinations of metals. The finish joint is bright and shiny like silver and will not tarnish or blacken. It is made in Pleasantville, NY and that's a plus. I have been using it and can say that all the above seems to be true. You should clean the finished joint of residue with lacquer or dope thinner when finished to see the bright joint and to prevent subsequent corrosion. I haven't looked for this product in any local stores and don't know if any of them carry it. The Micro Mark latest page is pg. 13 and the p/n is #60664. It's a bit pricey @ \$8.95 but at the rate I've been using it the small tube is going to last me quite a while. Order online @ [www.micromark.com](http://www.micromark.com) Their catalogue is just crammed full of neat things for the hobbyist. Check it out.

**Editor's Note;** This article is particularly aimed at soldering piano wire landing gears etc. It is NOT a primer on electrical soldering!

### **The Dope On Dope**

Are you a modeler that uses aircraft dope in the construction of your models? Well just like everything else that seemingly changes daily in the world, we may be looking at a change in the cost and availability of nitrate and butyrate dope. Let's take a look at the genesis of this aircraft coating. Many years ago there were several manufacturers of this material. When I was restoring my Piper airplanes in the 60's I bought it locally at the Enmar Co. here in town that supplied different paints to Cessna, I know as I painted airplanes back then at Cessna at night and went to WSU during the day. Other names such as Titanine and Berryloid stand out and I know there were others that I can't recall just now.

Time went by and it pretty much ended up with the Randolph Co. in Carlstadt NJ as the sole producer of aircraft dope and other finishes. Well Mr. Randolph passed away some years back and the well known Ray Stits bought the manufacturing name and lives in Fullerton California and you can probably see the problem with that location.

Dope is photo chemically reactive and finishes such as automobile lacquers were also, and were more or less outlawed years ago. I heard recently that the state of California was coming down on aircraft dope and trying to get rid of it. How do you go about this in a time honored manner? Simple, you do it the way you keep the low lives out of your upscale bar. You raise your prices to an objectionable level. Works every time with anything you want to do away with under the guise of it's someone else's fault that this is happening. Anyway I went to Airparts and bought what they had in stock and ordered more of what they didn't have in stock. The prices recently went up in CA and I expect them to rise here also as the EPA or whoever puts the Kybosh to Ray. Don't say you weren't given a heads up on this.

### ***Bill Schmidt of the Wichita Historical Aircraft Modelers***

**Editor's Note;** Last year while flying at the Eloy Arizona meet, my OFB and I bought a gallon of thinner. It cost \$60, but you can no longer buy it in California; the land of Fruits and Nuts.

## **Message from the Coast: Al Cheung**

Dear Members,

I have finally got my planes together and took them for a spin at Rancho San Antonio Park in Los Altos. The flying here is very different. There is a packed dirt runway, but most of the terrain is packed dirt anyway. There are few trees, but they still manage to capture an occasional stray plane. Few flyers have experience retrieving planes from trees so they just leave them there.

The flying is mostly a free for all, gets quite crowded on weekends, and although there are rules, most do not pay any attention to the rules since it is a public park and the flyers are not club members. Nevertheless, the flyers are all very friendly and I have seen quite an assortment of foamies in various states of repair. The "air hogs flying man" is very popular here and the flyers like to buzz each other with them. Night flying is also very popular (note the lights on the bottom of the flaps).

The flying area borders on a slope and it is possible fly from the edge of the slope when there are only a few people there. The added vertical of the slope allows more space to recover from maneuvers.

Al





## **The Helicopter Museum Rotorfest Reminder**

### **Friday Night Hops and Helicopters**

OCTOBER 10TH  
5:30-9:30

- Preview the Aircraft
- Craft beers & wine tasting
- \$25



**Saturday**

A Tribute to the  
Pennsylvania  
National Guard -  
Welcome Back Warriors



**Sky Soldiers**  
Dramatically Reenact  
Vietnam Rescue Missions

**The BatCopter & BatMobile** BATCOPTER AIRSHOW

**16 Jumpers!**  
US Army  
Golden Knights  
Parachute Team



 **3 Airshows  
Daily**

### **FAMILY Food & Fun**

Huey & Cobra Helicopter Rides  
(Additional Fee)

Military Reenactments

**ROTORFEST**  
THE ALL HELICOPTER AIR SHOW

**October 11-12, 2014**  
**10:00am - 4:30pm**

RAIN OR SHINE

**\$15 Adults | \$10 Under 12 | FREE Under 2**  
(admission includes entry to the museum)

**AMERICAN HELICOPTER MUSEUM & EDUCATION CENTER**  
In the Heartland of Helicopter Innovation

1220 American Boulevard • West Chester, PA

[www.americanhelicopter.museum](http://www.americanhelicopter.museum)