



# Wing Tips



## June 2017

The Newsletter of the Mid-Hudson Modelmasters

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### 2017 Club Officers

President: Brad Quick

Secretary: Larry Kunz

Sgt. at Arms: Flavio Ambrosini

Vice President: Lloyd Quick

Treasurer: Tom Eng

Junior VP: George Amenta

### Club Calendar

#### Coming Up:

- **Sunday, June 4, Westchester Radio Aero Modelers (WRAM) Presents FPV Multicopter Racing Fun Fly:** See <http://www.wram.org/> for more information
- **Warbirds Over the Hudson: Saturday, June 10, 2017,** West Haverstraw, NY 10993, sponsored by Hudson Valley Radio control Club, go to [www.hvrcc.com](http://www.hvrcc.com) for more information.
- **CLUB MEETING , Saturday, June 17, 11:00am:** At Redl Park Flying Field, our flying field.
- **July Wing Tips articles & photo submissions due, Thurs., July 6:** Send your submissions to [wingtips@modelmasters.us](mailto:wingtips@modelmasters.us) Due date is first Thursday of each month.
- **Saturday, August 19th for our 7th annual Fun Fly-Picnic.** Details to follow at our next meeting and July Wing Tips but do plan to attend as the event is always a fun day with contests and delicious food.



#### Other Events:

- **MONTHLY MEETINGS:** Summer Outdoor Meetings, Saturdays, 11am, July 15, August 19 (also our picnic), Sept. 16.
- **OUTDOOR FLYING SESSIONS AT WEST ROAD FIELD** – Every Saturday Morning, weather permitting. It is also possible to find some members at the field on Sunday mornings. Even during the winter months as long as the driveway is not snow covered.
- **Indoor Flying at Schenectady Armory** – Regularly scheduled flying has been discontinued during the spring and summer months. There will be rainy day flying scheduled when inclement weather is forecasted. Contact Jesse Aronstein to be added to the emailing list.

# From the President's Cockpit

On hiatus this month.

## MEETING MINUTES – May 12, 2017

- Meeting location:  
was changed to Brad's place of business on Salt Point Turnpike due to a conflicting activity at the Highland school.
- Open Flying: 6:30 till 7:30  
+ A few Vapors and quad navigated amongst the Taylor Manufacturing machinery.
- Business Meeting called to order at 7:30
  - + Minutes of previous meeting in Wingtips. Accepted.
  - + Next meeting is June 17, at the flying field.
- Treasurer's report: by Tom Eng
  - + \$1927.21 (\$117.21 of which is the mowing fund) plus \$500 in escrow to Highland Middle School.
- Membership:
  - + We now have 43 members for 2017
  - + Welcome to three new members, Brett Huttman, Michael Gordon, and Peter Daba

### Field Mowing:

- + Please let Brad know if you are willing to mow. He will leave the mower at the field in the morning, and pick it up after the mowing is complete.
- + Brad Quick and John Knight have each mowed once this year.

### - Dues discussion:

- + The club bi-laws are set annually in November. We will adjust bi-laws this Fall to
  - Include an incentive for paying dues early.
- + The current bi-laws state that dues are delinquent after March first.

### - Local Events:

- + Several members plan to attend a "Fun Fly" event at the Stormville RC Club in Stormville, NY on Saturday May 27. Members of the club will give a presentation and demonstrations on pattern flying.

**Figure 1** (taken by Tom Eng): Anthony Romano is the District 1 VP who was the CD for the fun fly, shown next to his pattern aircraft

**Figure 2** (taken by Tom Eng): some of the attendees of the fun fly, including several



**Figure 1**



**Figure 2**

### Modelmasters

- Lloyd Quick discussed Volts, Amps and Power:
  - + Lloyd discussed the relationship between Volts, Amps, RPM, Prop size and Power.



Lloyd Quick discussed Volts, Amps and Power

- Figure Eight competition:
  - + Do as many figure eights around two pilons as you can in minute.

Open Flying: till 9:30.

## Waterproofing by Rich Kleinhenz

If you fly off the water, it's a good idea to waterproof your electronics. Even the best fliers may get some spray into the fuse, some have also been known to catch a wing on landing or otherwise dunk a plane. I got spray water into a micro Icon A5 and killed the little receiver/controller and had to get one from China. I also probably got some moisture into an aileron servo on a large Icon A5 and it started acting up.

So it seems like a good idea to waterproof receivers and servos beforehand. Here is a good article out of the RC truck world that's applicable [https://www.youtube.com/watch?v=YCq\\_pwQDQms](https://www.youtube.com/watch?v=YCq_pwQDQms) There's a recommendation in this article for [https://www.amazon.com/gp/product/B001E8BBX2/ref=as\\_li\\_qf\\_sp\\_asin\\_il\\_tl](https://www.amazon.com/gp/product/B001E8BBX2/ref=as_li_qf_sp_asin_il_tl) but I went a bit cheaper and ordered [https://smile.amazon.com/gp/product/B000IC7ZQ2/ref=oh\\_aui\\_detailpage\\_o01\\_s00?ie=UTF8&psc=1](https://smile.amazon.com/gp/product/B000IC7ZQ2/ref=oh_aui_detailpage_o01_s00?ie=UTF8&psc=1). This technique will work well for receivers. I would also waterproof the ESC using the same technique (after taking off the heat shrink tubing) or simply sealing the ends of the heatshrink with silicone adhesive or hot glue. Best technique will vary with the servo. Some may already claim to be waterproof.

Servo boards can be done the same way but there is also the gears. Cheap plastic gear servos are not an issue here. But metal gear servos probably should be made somewhat water resistant to prevent corrosion. The best way seems to either plasti-dip the hole servo or apply liquid electrical tape (available at the depot de la maison or Lowe's) around the seams. Apply a dab of some silicone adhesive to the 4 screw holes in the back so that can be removed to allow future access. Pack the gears with waterproof grease (packed around the gears as well as around the outside of the splined arm mount). You can find lots of examples if you need more info by searching youtube for waterproofing servos, there isn't s single article that really stood out.

## Mercer County RC Society Warbirds 2017 by Rick Rizza

The Mercer County (NJ) RC Society is an AMA Gold Leader club (Charter #422) (<http://mcrs.com/>) who's flying field is located in the beautiful Assunpink Wildlife management area. Know as the Warren Kruse field, it is about a 2.5 hour drive from our area, and worth the trip for any major event, such as the Warbirds event I recently attended. The MCRCS events are always attended by high quality builders and flyers. This is the home club of the well known modeler/builder Keith Zimmerly whose half scale original Standard biplane can be seen hanging in the museum at Old Rhinebeck. Keith is a regular at our Jamboree in September and can be depended upon to bring and fly any number of his 1/2 scale masterpieces.



**Illustration 1: My Planes**



**Illustration 2: 40% SPAD**

I left my house about 5:30 am and arrived at the field shortly after 8 to find quite a few folks already there. The event is/was a 2 day affair, but I was only there for Saturday. I claimed my spot on the flight line and then went to register and bought a nice breakfast sandwich which was expertly prepared by the club onsite, serve hot and fresh right off the grill by







none other than club president Keith Zimmerly. Then I went and set up my tent and assembled my planes. I brought my Sopwith Camel, my U2 spyplane, and my new Cessna 150, which of course is not a warbird, but often later in the day the club will lift the sanction and allow "all fly." I went for my first flight with the Camel and enlisted the services of Gene Gavin, whose scratch built Pfaltz Eindecker is a fixture at most major

RC flyins including Warbirds over Delaware and our own Jamboree. My take off was interesting, to say the least, but I hung in there, got her straightened out and had a good flight including a smooth landing which stayed on the wheels and allowed me to taxi in. No "walk of shame" for this pilot today!

I flew my U2 a little later, and had another flight with the Camel, and felt great with that. I planned to leave around 3 pm and did do that, feeling quite comfortable about the day. The flying going on around me was outstanding with many giant WW 2 heavy metal warbirds flying all day, and there was one flight of 6 that was formation oriented and well executed, including high speed low passes in a tight group and at least twice, they all pulled up into the vertical going way up till each fell off in a stall turn to return toward the Earth. It was quite a show! I recommend it!

## Interesting Stuff, Contributions from Members

### Rich Kleinhenz

**Repairing a UMX PT-17 (and other UMX planes)** -- At our last indoor meeting, I took out my UMX PT-17 and found I had no rudder. So it went back into its box. I called Horizon Hobby and was told stuck linear servos are quite common. The repair is fairly simple. Cut open the fuselage on one side. The top and bottom halves are just taped together. Fold the fuse half up to gain access to the inside and the servo. In the case of the PT-17 I also had to cut some tape that held the upper wing to the struts but then I could access the stuck servo with my finger. The tech suggested to run the carrier to one end by turning the large wheel, then blowing out the channel using canned air. I did not have a can so I simply ran the servo to one end then the other manually. Fired her up and the servo moved as it should! Apparently a piece of dust can easily get these little guys stuck. (Mine had not crashed.)



**Jim Kamin**

### Bob DiGiacomio

Picture of Jim Kamin, at I think the Springfield Nats 1984 . Thought it would be nice to appear in the June issue of Wing Tips.

### Tom Eng

Mentoring pic (figure 3) shows new member Brett Huttman on the buddy box with Scott Fellin as instructor with Scott's Blade 230 helicopter. Brad Quick helps with the training.

Figure 4: rare photo of Scott retrieving his Cub after a "not quite perfect" landing.



**figure 4**



**figure 3**