



Wing Tips



July 2016

The Newsletter of the Mid-Hudson Modelmasters

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2016 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:

- **Saturday, July 16, 11:00am: CLUB MEETING**, At Redl Park Flying Field, our flying field.
- **Thursday, August 4: August Wing Tips articles & photo submissions due**, Send your submissions to wingtips@modelmasters.us Due date is first Thursday of each month.
- **2016 U.S. Drone Racing Championships, August 5 - 7**, Governor's Island, NYC. Also to be aired live on ESPN. <http://dronenationals.com/>
- **Saturday, August 20, CLUB PICNIC**, At Redl Park Flying Field, our flying field. For more information see article in this newsletter.

Other Events:

- **MONTHLY MEETINGS:** Through September, monthly meetings will be at the Redl Park Flying Field, at 11am, August 20 and Sept 17.
- **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.
- **AMA District II Fly In, August 27-28, 2016**, Trinca Airport, 131 Airport Rd., Andover, NJ 07821 For more information see toponewjersey.org
- **Mid-Hudson Radio Control Society, Rhinebeck Jamboree, Sept. 9 -11, 2016**, For more information see <http://www.mhrcs.com/pages/Jamboree.htm>
- **Pleasant Valley Days, Sept. 17, 2016**, For more information see the meeting minutes. The club will be participating in this event.
- **NEAT Fair 2016, Thurs. Sept. 15 – Sunday Sept. 18**, Downsville, NY, www.neatfair.org

From the President's Cockpit

My Adventures with Styro-Spray -- I like to build planes out of foam, but raw foam is too easily dented by normal handling. I've been looking for a long time for a way to create a durable finish on my foam planes. Earlier in the year I did a short demo at one of our indoor meetings to show how Styro-Spray is applied. Styro-Spray is a polyurethane coating that designed to cover styrofoam to create a more durable finish.

Styro-Spray comes in two parts that need to be mixed in equal volumes. Once mixed, it needs to be applied very quickly because it starts to thicken in ten to fifteen minutes to the point where you can't spread it. I discovered that I could color the mix by mixing in some oil based artists paint. It can be thinned with denatured alcohol. The alcohol helps you apply a thinner coat, but doesn't seem extend the working time. It has a strong smell while it's curing, so you will want to do it in a well ventilated area.

It can be applied with a spray gun or with a brush. I used a cheap foam brush. The brush is only good for one application, then it needs to be thrown out. The material goes on quite thick and it will run when applied vertically, so it's often best to apply it to horizontal surfaces then rotate the part after the previous application cures.

Sytro-Spray is fairly heavy, so it probably wouldn't be a great choice for small planes. It cures to a fairly smooth surface, but it's quite thick and the thickness can vary, so it's difficult to get a really smooth surface. It can be wet sanded, but this dulls the appearance. The shiny appearance can be restored by applying a fresh thin coat.

It cures to the point that you can touch it in a half hour or so but it continues to harden for a few days. Once it's completely cured, it creates quite a hard surface that is resistant to denting from normal handling. The downside is that this hard, brittle coating has a limit to how far it can stretch. The wings of my large Extra 300 now have many cracks running through them.

It has been an interesting experiment, but I don't think I'll continue coating planes with Styro-Spray. It's messy to apply and ends up being too brittle for a flexing airplane. I'll go back to my experiments with fiberglass molds.

Administrative Item (added by editor) – the Modelmaster Dollar (MMD) schedule has been updated to include dollars for participating and placing in contests conducted during the monthly meetings. These are noted as 'Club mini event contest' in the schedule. For the full Modelmaster dollar schedule please see our website @ http://www.modelmasters.us/mm_pages/Model%20Masters%20Dollars%20Schedule%2005022016.pdf.

Modelmaster dollars are earned for a variety of participation activities. The MMD are then used at our annual auction, usually held in January, to purchase RC items.



MEETING MINUTES – Redl Field June 18, 2016

Open Flying: from 9:00 till 11:00 on a beautiful, windless spring morning at our field

Business Meeting conducted by MM president Brad Quick. - Called to order at 11:10

- Minutes of previous meeting in Wingtips. Correction and apology to Rick Rizza, who presented 'soldering techniques and tools' at the last meeting. Rick's name was incorrectly published in last month's minutes.

- Treasurer's report:

\$1822.02 (\$217.54 of which is the mowing fund) plus \$500 in escrow to Highland Middle School. We have **54 members** renewed for 2016 plus several youth members.
>> If you didn't get your membership card yet please e-mail LarryKunz@gmail.com

- Old Rihnebeck Aerodrome: 9/9 – 9/11

This is the aerodrome's 50th anniversary, and the RC Jamboree sponsored by our sister club MHRCS

will be an especially big deal this year. The jamboree is scheduled for Friday 9/9 Sunday 9/11.

Brad is building a Fokker D1 to display / fly at this event, and requests member help in order to complete it on time. He will let us know when he plans work sessions.

- Pleasant Valley Day: Sat 9/17

We will man a booth at this event, but will not try to draw people to the flying field. We will have club info at the booth, some planes on display, and maybe build some small gliders to fly at the fair site.

- The NEAT fair is scheduled for 9/16-18, and will draw some of our members away from Pleasant Valley Day.

- MM Annual Picnic: Saturday 8/20

Our annual picnic is planned for August 20. It will include the usual assortment of free flying, flight contests,

and of course, the flying wing demolition derby. Oh yes... and food ! Cost will be \$5 pp – free to our young friends (age unspecified) Bob Santoro is organizing this, and looking for help.

- Mowing:

Brad has acquired a large commercial mower. He will coordinate date and a volunteer operator, then drop the mower off at the field that day, and pick it up later.

- Show & tell / presentation & contest.

Sorry folks, I lost my notes, then procrastinated about typing up the minutes. I'm drawing a blank on this issue.

Someone please enlighten me, and I'll put an addendum in the next meeting minutes.

- Resume Open Flying: from 12:00 till about 1:00

MODELMASTERS PICNIC/FUNFLY -AUGUST 20, 2016



On August 20th, rain date the 21st, we will be having our 6th Annual Picnic/Fun-Fly. It promises to be a fun day. A series of aeronautical challenges that will appeal to all skill levels are being developed by President and Contest Director, Brad Quick. Again, this year our guests will have the opportunity to fly a trainer plane using a buddy box system under the supervision of our members. On the grill will be hamburgers hot dogs and chicken served with all the customary toppings. Fresh corn on the cob and delicious potato salad and coleslaw will also be served along with ice cold watermelon. And of course we would welcome any additional dishes and desserts that attendees

would like to bring to share. We look forward to having a lot of fun and to the opportunity of showing our guests the kinds of things we do and how enthusiastic we are about our hobby/sport. To help defray the picnic expenses there will be a \$5.00 charge per person. Children are free.

You can pay at the picnic or in advance by sending a check made out to Mid-Hudson Modelmasters and mailing it to me at 10 Squires Gate, Unit G, Poughkeepsie, N.Y. 12603. If you intend to pay at the picnic, please do notify me with the number of adults and children who will be attending so the appropriate amount of food can be purchased.

I hope many of you will be able to attend our function.

Thank you, Bob

Interesting Stuff

Joe Kurtz, maiden (I think) flight of the cub he built during Brad's workshops this spring.



Photo on left, Scott Fellin with his new Christen Eagle. Photo on right, let me first set the scene for you. Scott (foreground) is waiting patiently for Larry Kunz (background) to retrieve his plane which failed to return to the runway. I hate when that happens, but it has happened to all of us. As Larry approaches, with plane pieces in hand, he asks if Scott would like him to take the Christen Eagle up for him. Scott replied, "I got it, Thanks".

