



Wing Tips



April 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:

- **Friday, April 15, 7:30pm: CLUB MEETING**, Highland Middle School Gym, 71 Main St., Highland, NY 12528. Indoor flying begins at 6:30pm, meeting will begin at 7:30pm or 8pm. *Note: Please limit flying to indoor types -- fly the larger, more aggressive models outdoors or at larger indoor sites. Sneakers or other gym floor type footwear should be worn.*
- **Thursday, May 5: April Wing Tips articles & photo submissions due**, Send your submissions to wingtips@modelmasters.us Due date is first Thursday of each month.

Regular Events:

- **MONTHLY MEETINGS:** The following dates are for the Highland Middle School location. May-13. Meetings beyond May have not yet been determined.
- **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. Yes, even through the winter months as long as the driveway is not covered with snow.
- **INDOOR FLYING AT SCHENECTADY ARMORY** – For more information please see <https://sites.google.com/site/epamodelers/home/schenectady-armory-indoor-flying> There are updates to dates and times. Jesse hopes to see Modelmaster members in Schenectady.
- **AMA District II Fly In, August 27-28, 2016**, Trinca Airport, 131 Airport Rd., Andover, NJ 07821 For more information see toponewjersey.org

From the President's Cockpit

September is a long way off, but we're starting to think about our club's participation in Pleasant Valley Day. The organizers of Pleasant Valley Day are working hard to bring it back to where it once was when it was the 2nd largest event in Dutchess County, after the Dutchess County Fair.

The new administration in Pleasant Valley is focused on developing the town parks. As they consider what and how to develop, it's important that we remind the town what great family oriented activities we already have happening on a weekly basis at Redl Park.

Pleasant Valley day is probably our best opportunity to educate the general public about the great things our club has to offer. At a bare minimum, I think we'll want to man a booth at the main event. We may want to include some flying demos, and maybe even participate in the parade on Sunday. To do this, we will need lots of volunteers. So put on your thinking caps and let's see if we can come up with a plan for how to best represent ourselves at Pleasant Valley Day.



MEETING MINUTES – James L. Taylor Mfg. Co., March 18, 2016

Since Highland Middle School was not available to us this week, Brad hosted the meeting at his manufacturing facility on Salt Point turnpike. Thank Brad for the facility, and all the work he did to clear a large area of machinery so we could fly !

Open Flying: from 6:30 till 7:30 (low overhead and one small table in the center for landings and fly-unders)

Business Meeting conducted by new MM president Brad Quick. - Called to order at 7:30.

- Minutes of previous meeting in Wingtips. Accepted.

- Treasurer's report:

\$1546.88 (\$227.21 of which is the mowing fund) plus \$500 in escrow to Highland Middle School.

We have 36 members renewed for 2016 plus several youth members. If you have not renewed yet,

Now is the time ! Larry will be mailing out membership cards to paid members the first week in April .

- Build Workshop:

An extra workshop is scheduled for April 2 for those who have not yet finished their planes.

Dom flew his new large cub on Satur-

day March 12. Congratulations on a good maiden flight !

Scott hopes to fly his this Saturday 3/19 (see photos of large cub and



Brad Quick, Large Cub



Dom Fusca, Large Cub



Scott Fellin, Large Cub

pilots)

- Pleasant Valley Day: (on or about Sept 18)

We had a lot of discussion about how to promote ourselves to the town. Our field is a Pleasant Valley public park. Brad is in contact with the town supervisor, who has his own ideas about uses for this park. We need to do whatever we can to become an asset to the town. Please save the date. We need to be visible ! March in parade ? Offer free flying lessons? Man a booth ?

- Field use:

We discussed letting the town know that we did not want non-AMA members flying at the park, except by our invitation and under our supervision.

- UCCC flying: (Uslter County Community College)

Since Model Masters participation is quite low at the UCCC indoor flying sessions, we discussed no longer purchasing the insurance for same. I don't believe we reached any firm conclusion.

- REMINDER MM dues & AMA membership:

Please be sure that your AMA membership is current through the entire year, and send your Model Master membership renewal. Go to <http://www.modelmasters.us/index.htm> Near the bottom of the first page is a link to the membership application form.



Dom, Tom, Cameron & Bob

- Eagle Scout Induction:

Dom, Tom & Bob attended Cameron Masker's Eagle Scout induction at Traver Road School on March 16. Cameron and a fellow scout implemented a number of improvements at our field last year as part of his qualifications. **Congratulations Cameron,** and thanks for your great work !

- Model Masters "dollars":

Members were reminded that they would earn MM dollars for almost any club related activity: Coming to a meeting gets \$50, Participating in an event gets \$10. 1st, 2nd, 3rd place get \$50, \$25, \$10 Doing a Show & Tell gets \$100. Sending an article for the newsletter gets \$100. Etc. **So just DO things !** **P.S.** These dollars can be spent on fine merchandise at our annual Holliday party.

- Show & tell:

- Bob DiGiacomio presented his 2.5 meter Mystic Glider. A beautiful glider built from an ARF kit. Since he will winch launch, he used a 8.5 oz nicad battery in the nose for ballast.
- Brad Quick presented his custom hand warmer. This is a grip sized bunch of resistors powered by a remote wired 3 cell LiPo. It will stay warm and toasty for about 2 hours on a 2200 mah 3 cell.

Presentation: (Please volunteer to do a future presentation !)

No official presentation tonight.

- Flight duration contest:

8 or 10 members joined in the Vapor Marathon. Last plane up wins. Asside from one unfortunate early landing, all planes were up for way too long ! (about 20 minutes) There were a few detours off through the manufacturing facility, but mostly loops through the open area. 1st Brad, 2nd Scott, 3rd Flavio. Next was the quad contest between the micro(Flavio) and the monster(Rich). Flavio ran out of juice, leaving Rich to rule the air.

Open Flying: Resumed

MEET YOUR FELLOW MODELMASTER MEMBER – Joe Kirk

1. How did you get into the hobby/sport?

I was intrigued watching a control line competition. I built a simple plane and had a grand time flying it, but never entered competition.

2. How long have you been in the hobby/sport?

I started while in high school in 1948 and later in the Army as an RCAT (Radio Controlled Aircraft Target) mechanic. They flew a long time, rarely being hit, and needed maintenance. Several years ago I returned to the hobby and joined Modelmasters. I was inactive the past couple of years due to family illness, but am returning by building the small Cub.

3. What aspect of the hobby/sport are you most interested?

Soaring is my primary interest and I have a Spirit which I motorized (with the help of Lloyd Quick) that I fly from a hillside that is my front yard. I am low on the learning curve, but have had a number of thrills with Red Tailed Hawks, Turkey Vultures, and one thermal that I had difficulty getting down from.

4. What was your 1st plane?

My first plane was a simple CL model. I never advanced from there until a few years ago when my Son gave me a Spirit glider.

5. Do you have a favorite Plane? If so which one and why?

Currently it is the Cub that is under construction. I have made several modifications and am interested in seeing how it flies.

6. What is the most challenging part of the hobby/sport for you?

Finding lift. Turkey Vultures are my instructors and they show me that I have a great deal to learn!

7. Do you have goals regarding what you want to accomplish in the hobby/sport? What are they?

Join the LFS (League of Silent Fliers) and move up the ratings. Recently it has been opened to motorized sailplanes and I hope to join.

8. Do you have other hobbies or areas of interest and if so what are they?

I do some woodworking. I have built several different chair designs.

9. What advise do you have for new people getting into the hobby/sport?

You meet great people! They have fun with the technology and flying skills and are glad to share their interest.



Applying 0.8 oz landing gear on my Cub

Shipping Lipo Batteries via USPS (domestically) by Richard Kleinhenz

A few of months ago I wanted to get some lipos to Florida to fly a plane that I had bought down there. Something gave me the idea that flying with lipos in the luggage was problematic, so without checking into that further I put the 2 hefty lipos (4000 mAh 6S) into a USPS flatrate box - hey, for \$5.25 at the time I didn't think twice! Off I went to the post office. I don't recall the exact question I was asked but I freely admitted that the package contained lithium batteries, at which point the lady handed me back the package "Can't ship lithium batteries". I asked her for alternatives - "No idea, but we can't take them". UPS perhaps? "No idea, but we can't take them". This seemed rather weird... I know I can order lipos and have them shipped to me, there must be some way! So I did a bit of research, and here's the dope on shipping lipos through the USPS system.

The issue is simply with air mail. Shipping lipos via surface mail is allowed. So parcel post is OK, with some restrictions. Total weight must be under 5 lb. Each cell must be under 20 Wh, and the total rating per battery must be under 100 Wh. Since the voltage of a lipo cell is 3.7V, the cell limit means you can't ship any lipo that is more than 5400 mAh. ($20,000\text{mWh}/3.7\text{V} = 5405\text{mAh}$). The second limit puts a further restriction on 6S batteries: the maxi-

mum allowed battery rating is 4500 mAh because $100,000/6/3.7 = 4,505$. So up to 5S you can ship 5400 mAh batteries, 6S is limited to 4500 mAh, via surface mail.

Priority mail (and the convenient flatrate boxes) is automatically air mail, therefore the post office could not take it. The P.O. lady should have known that and suggested that as an alternative but did not... so know what's allowed when you go there and be ready to have them look it up! It is regulation 349.222

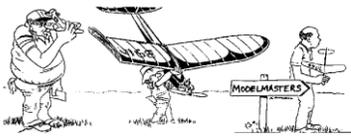
Annual Modelmaster Auction Results

Our auction is held once a year during the annual dinner (typically held in January). Sorry for the delay in providing these results, it slipped my mind. The club allocates funds for the purchase of new items to be auctioned. To purchase an item during the auction, members can only use Modelmaster Dollars (MMD). MMD are earned throughout the year by participating in club events, attending meetings and flying, yes flying! Really you do not have to fly, you only need to show up to a scheduled flying gathering (Saturday morning is always scheduled). Remember you can earn MMD for contributing to this newsletter too.

There were over 50 items (some donated by members) in the auction and raffle. Oh yes, the raffle, where again you use MMD to purchase tickets. Thank You to everyone who attended and to those of you who donated items to the auction. A BIG THANK YOU to our banker, Bill Bolitho, who prints and delivers the dollars. A total of 49,345 MMD were spent. The least amount spent was 20 MMD on a motor mount, and XT-60 connector clips. The most was 7280 MMD for 4 servos. Once again Bob Santoro has raised the bar on how many MMD are needed to purchase 4 servos. This is quite remarkable when these can be purchased for a total of \$10 (that is U.S dollars). Join us next year to find out what Bob will see interpret as a bargain 😊.

Interesting Stuff

Bob Santoro - NEW BIGGEST RC AIRPLANE IN THE WORLD BOEING 747-400 VIRGIN ATLANTIC AIR-LINER -- https://www.youtube.com/watch?v=akoJ2zBwX1o&feature=em-share_video_user



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Wing Tips

«First_Name» «Last_Name»
«Street»
«Town», «State» «Zip»