



Wing Tips



December 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:

- **CLUB MEETING , Friday, January 12:** 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.*
- **January Wing Tips articles & photo submissions due, Thurs., January 4:** Send your submissions to wingtips@modelmasters.us Due date is first Thursday of each month.
- **AMA Expo East, Meadowlands Exposition Center, February 23, 24, 25:** Meadowlands Exhibition Center Secaucus, New Jersey. For more info see <http://amablog.modelaircraft.org/amaexpo/ama-expo-east/>

Other Events:

- **MONTHLY MEETINGS:** Beginning December 2017, meetings will be at the Highland Middle School, every 2nd Friday of the month.
- **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.
- **Schenectady Armory flying** 1:15 to 4:15pm, Dec. 13, 20, 27, and Sunday, Dec. 24, 9:00 to 3:00. Changes and cancellations may occur because of weather and other factors. Check the EPA website (epaclub.org) for status.

MEETING MINUTES – November 10, 2017

MEETING at 130 Salt Point Turnpike, Poughkeepsie

1. Meeting was called to order by President B. Quick at 7:30 pm.
2. Financial Report: \$1667.82 in treasury + \$500 in escrow for use of the Highland MS Gym.
 - a. Expenses: \$217.39 website and domain name.
 - b. \$40.00 reimbursement to Dom for auction items.
 - c. We now have 46 members
3. Annual club dinner meeting will take place at Coppola's, Route 9, Hyde Park.
 - a. Cost \$26.00/person.
 - b. Time ?
 - c. There was discussion about the gift exchange and how it will be handled this year.
 - d. Gift value was set at a \$10.00 minimum. Additional details will be forthcoming.
4. Winter Build Project-
 - a. Discussion took place concerning whether to build a ducted fan flat foamie or a Science Olympiad style indoor rubber band powered plane.
 - b. The consensus was to build the indoor plane.
 - c. Cost is about \$70.00 for a 2 plane kit.
 - d. Kits would be purchased from Freedom Flight Models. The kit is being redesigned to include carbon fiber components that will make the plane lighter and stiffer.
 - e. It is estimated to take no more than two build sessions to complete the plane. Most can do it in one session.
 - f. It takes about 3 weeks from order to delivery.
5. Nomination of Officers:
 - a. President: Brad Quick. Barry will be taking over some of the duties of the presidency ie. Will run the meetings and arrange for the meeting program.
 - b. Treasurer: Tom Eng
 - c. Secretary: Open (Brad will ask Larry if he will continue)
 - d. Vice President: Scott
 - e. Sargent at Arms: Flavio
6. Show and Tell
 - a. Kent presented a stick built Demoiselle plane. He did a test flight for group. Nice job. (Bill Bilitho found plans, they will be added to our club website)
 - b. Barry talked about Solar film vs. Monocote for plane covering. Solar film is much lighter and can be shrunk easily with medium heat.
7. Meeting Adjourned 8:10pm

Respectfully submitted, Substitute Secretary J. Knight, November 29, 2017.

Modelmaster Holiday Dinner & Auction



COME IN OUT OF THE COLD!

This is a great opportunity to enjoy a fabulous meal, auction and fellowship of our members and their guests.

Date: Friday, January 19, 2018

Time: 6:00 PM

Place: Coppola's on Route 9 in Hyde Park

Cost: \$25.95 -Banquet Dinner (tax & gratuity included)

\$ 9.95-Children's Menu (ages 10 and under-T& G included)

The dinner will consist of :

- Antipasto salad appetizer
- Penne with Marinara sauce
- Fresh Seasonal Vegetables Family Style
- A choice of entree listed below
- Vanilla sundae dessert
- Hot beverage (coffee,tea)

Children's Menu (ages 10 & under)

- Chicken Fingers with Fries
- Mini Pan Pizza
- Penne Meatball
- Ravioli

Please indicate below if and how many will be attending as well as your entree choice.

NAME:

GUEST(S):

Number attending: Adults (\$25.95)_____ Children (\$9.95)_____

Adults please choose 1 entree per person attending:

- _____ Veal Cutlet ala Parmagiana
- _____ Chicken Scaloppine ala Marsala
- _____ Baked Eggplant Rollatini
- _____ Norwegian Salmon Filet

Please make your check out to:

Mid-Hudson Modelmasters and mail it to:

Bob Santoro

10G Squires Gate, Poughkeepsie, N.Y. 12603

Please send me your confirmation, entree choice and mailed check by Thursday, January 11th.

Seagull Dual Ace Electric Build by Rich Kleinhenz



I just finished completing an old ARF I got this summer. The twin engine Seagull Dual Ace is a ~2006 plane, set up with dual combustion engines. I decided to set it up electric. I found the missing manual online, it was ridiculously detailed in some areas and very lacking in others. There were no instructions for an electric setup. Build challenges were fitting the nacelles, and selecting and mounting the power train(s). I ended up using Hobbyking G46 670 kV. The G46 is available in 420, 550 and 670 Kv. I chose the 670 because the prop size on the plane is limited. (Smaller prop - higher RPM) No prop is specified in the manual, it is possible that original kit came with props - there were none in mine (which I believe had been sitting in someone's shop for years). I didn't

think a prop over 12" would work. I ended up mounting 11x4.7 props because I had them and was eager to take advantage of a nice day - and promptly crashed on landing because the props clearly didn't provide sufficient thrust and I was flustered by barely flying WOT. Damage was not severe and was repaired. I then put the motor on a thrust test stand, tried a few props in the range and chose 11x7 props for decent thrust. The combined thrust of 2 motors with the 11x7 props matches the weight of the plane and should be adequate for scale flying! I use 2 4S4000 batteries in parallel, the largest I could just squeeze into the plane. The plane has a wingspan of 70" and a flying weight of appr. 11 lb. Looking forward to another maiden opportunity, perhaps this year yet!

Interesting Stuff, Contributions from Members

Bill Bolitho:

Just a couple of links and an old RAF Air Publication. A LARGE collection of links to aviation film clips (some rather long)

http://www.avia-it.com/act/biblioteca/video/video_inglesi.asp

Just like it says - 600 foam plans

https://www.rcgroups.com/forums/showthread.php?1333878-**-Pics-with-links-to-600-plans-**

Complete List of RC Clubs in Canada

https://www.maac.ca/en/clubs_by_zone.php?zone_code=E

And from Brazil (they speak Portuguese there). Even more plans and most of the links still work Last update was about 10 years ago.

<http://www.aeromodelismoonline.com.br/category/plantas/>

Brad Quick: If you are looking for a bigger motor for the club's large cub project from last year, search for TURNIGY AERODRIVE SK3 - 6354-260KV BRUSHLESS OUTRUNNER MOTOR

Dillon Losee: Watch the new Avitron v2.0 Bionic Remote Controlled Bird fly -- <https://youtu.be/k34rVuu8N-c>