

Wing Tips

April 2014

The Newsletter of the Mid-Hudson Modelmasters

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2014 Club Officers

President: Bob Santoro

Vice President: Ron Irvin

Secretary: John Knight

Treasurer: Tom Eng

Sgt. at Arms: Flavio Ambrosini

Junior VP: Tyler Irvin

Club Calendar

Coming Up:

- **Sunday, April 13: - INDOOR FLY SESSION**, Senate Gym, SUNY Ulster, 1:00pm – 5:00pm. *Note: Sneakers or other gym floor footwear should be worn*
- **Friday April 11: – MONTHLY MEETING**, Highland Middle School Gym, 71 Main St., Highland, NY 12528, 6:30pm to 9:30pm. Indoor flying, and a short meeting will begin at 7:30pm. *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.*

Regular Events:

- **OUTDOOR FLYING SESSIONS AT WEST ROAD FIELD** - Every Saturday Morning, weather permitting. Charge your batteries and let's fly!
- **INDOOR FLYING SESSIONS AT SENATE GYM, SUNY Ulster:** Following is the approved list of dates and times for indoor flying. *NOTE: sneakers or other gym floor type footwear should be worn.*

April 13, 2014	1:00 PM – 5:00 PM
May 11, 2014	1:00 PM – 5:00 PM
- **MONTHLY WINTER CLUB MEETINGS AT HIGHLAND MIDDLE SCHOOL:** Upcoming club meetings and flying sessions at will be held at Highland Middle School, dates are: 4/11/14, 5/9/14, 6/13/14. **NOTE: Feb. mtg. is on Thursday, all other mtgs, Friday.**

Editors Corner

If you have articles or info to share with the club please do send it along. The next Wing Tips deadline is May 1. Send your submissions to wingtips@modelmasters.us This issue is full of information at 9 pages long. Thank You to all who contributed. I especially want to Thank and call your attention to the article by John Knight. He recently visited AMA headquarters, and has written an excellent article about his experience with plenty of photos.

From the President's Cockpit

Although it has been an extremely harsh winter it hasn't stopped a number of our members from braving the cold to fly at our field. On most Saturdays about 6 members took to the skies to hone their flying skills.

Attendance has been exceptionally good at both the Highland Middle School and Ulster County Community College. And again I am pleased to report the increased participation in the "Show & Tell" part of our monthly meeting. Sharing information is essential to providing the knowledge necessary to advance in the hobby.

Although summer may seem a long time away planning has already begun for our annual picnic/fun-fly which will take place on August 9th. The event will be done in conjunction with National Model Aviation Day which is sponsored by our national organization. Most Clubs use this day as a fund raiser for our veteran's Wounded Warrior Program as well as to increase the awareness of our hobby. The AMA is encouraging Clubs to seek state Proclamations for Model Aviation Day. I have been in touch with the Governor's Office and have submitted the required documentation to seek this Proclamation for New York.



On February 26th Lloyd Quick, Brad Quick, Cameron Masker, Graham Foster, Ron Irvin, Tom Eng and myself participated in Boy Scout Troop 33 R/C Hobby Night. The event was well attended and highly successful.

Nationally, two important things have happened over the past several months. First, the Academy of Model Aeronautics and the Federal Aviation Administration have entered in an agreement establishing the platform upon which the AMA and FAA will jointly work to ensure the continued safe operation of model aircraft in the National Airspace System. Second, on March 6, the National Transportation Safety Board Administrative Law Judge ruled that the FAA policy banning the commercial operation of unmanned aircraft is unenforceable. The FAA has since appealed the decision to the full NTSB Board.

I want to bring to your attention two items. First, there has been a slight change to the AMA aircraft safety code. Under Section B (Radio Control) item number 9 has added one additional statement (c) which reads:

Fly using the assistance of autopilot or stabilization system only in accordance with the procedures outlined in AMA Document #560. As more of our members are using these systems it is important that you familiarize yourself with Document #560 available on the AMA website.

Second, I want to apprise everyone to be careful using the driveway to the field. The drainage pipe running under the driveway about two thirds of the way down is clogged and creating what appears to be a developing sink hole. Drive around the hole. We are looking into a work party in the next month or so to correct this condition. This will involve digging up the area around the pipe and replacing it. Your help may be needed.

I hope to see many of you at our April 11th meeting at the Highland Middle School. I also want to remind you that our next flying session at Ulster County Community College is April 13th at 1:00PM.

Fly Safely, have Fun and remember, our Club is as much about People as Planes

Bob

MEETING MINUTES – March 14, 2014

Meeting was called to order by President Santoro at 7:35pm.

- 1) A motion was made to accept the minutes of the January 17, 2014 meeting. Motion was carried.
- 2) Treasurer Tom reported that there is \$2118.54 in the account. Included in that number is \$509.00 in donations to cover mowing expenses. There are approximately 56 paid members. Motion was made to accept the Treasurers report. Motion carried.
- 3) We welcome new member Mark Giardino, who is an accomplished rc pilot and also a member of Dutchess RC.

- 4) A member inquired if there is a membership list available for distribution to the club members. Most in attendance did not have a concern about making such a list available, but were mindful that there may be others who were not in attendance, who would object. Club secretary John will send an email to the paid club members informing them that a membership list will be made available on a specific date (still to be determined). If they wish **not** to be included on the distribution list, they should contact the secretary.
- 5) Thanks to all those who helped to make the holiday party a success.
- 6) National Model Aviation Day (NMAD)—The executive council of the AMA confirmed August 16, 2014 as National Model Aviation Day. The focus will be to recognize model aviation. Funds raised will be directed toward the Wounded Warrior Project. Last year's initial effort generated \$76,000. However, it is not necessary for any club to endorse the AMA's focus. They ask that NMAD be recognized in some form. The consensus is that we should participate, but not necessarily follow the AMA focus.
 - (a) A suggestion was made to contact Castle Point about setting up a day for flying.
 - (b) Bob said that he would call AMA to ask why they selected The Wounded Warrior Project.
 - (c) Mid Hudson RC participated last year, they did not have an event on NMAD. Instead, donations were accepted at several meetings. In addition, members donated items for auction that was held during a meeting in early August. They raised \$500.00.
 - (d) A member suggested that the real purpose is to present model aviation to the public in a positive light.
 - (e) There was a concern that to schedule an off site event without a buy in from many members could be detrimental to the basic focus.
 - (f) A member suggested that passing the hat seems to be the easiest way to take part.
 - (g) There will be more discussion at future meetings.
- 7) SAVE THE DATE: Club Picnic August 9, 2014.
- 8) Flavio is asking for volunteers to set up a static display and possibly limited flying at a Boy Scout event on May 17, 2014 at the Dutchess County Fair Grounds. Contact Flavio if you can assist and/or provide a flight simulator.
- 9) SHOW AND TELL
 - a) Dillon presented his Sig Commander that he modified with electronic proportional brakes. His concern is that the plane is heavy and might not be able to stop before the end of the runway. \$44.00 from Hobby King.
 - b) Brad is experimenting with fiberglass molds. The original Extra 300 made from foam, dents easily and is heavy. In addition, it takes a lot of effort and time to make one plane. A way to streamline the building process would be desirable. For more info, contact Brad. Some suggested talking to a particular member of Mid Hudson RC who builds sailplane wings, as his technique seems to be time tested and proven.
 - c) Bob DiGiaomio presented his F15 Eagle static display model.
 - d) Rick Rizza presented his Globe Swift by Maxford. Modifications were made to the motor mount to make it more adjustable.
 - e) Tom presented his new DX9 with spoken reminders when you activate various switches.
 - f) Warren reminded us that unintended electric starts are responsible for a very high percentage of the injuries related to our hobby. When first setting up a new motor, one should do so without a prop on the motor. When plugging in the battery, and/or arming the plane, you should always be behind the prop, and the plane should be securely anchored.
- 10) Eighteen were in attendance.
- 11) Next meeting: April 11, 2014 at Highland Middle School.
- 12) Motion to adjourn at 8:50 pm

Respectfully submitted, Secretary J. Knight March 28, 2014

INTERESTING STUFF

Bill Bolitho (sent in 3/9/14) - I was at Hobby House (on Route 9 and Vassar Road) recently. They have a quantity of old Plastic Model Airplane Kits (dating from the 1980's) including limited production run resin models and vacuum formed kits – mostly 1/72 scale. All kits are \$10 each, considerably cheaper than current kits.

Dillon Losee - Watch "HobbyKing Daily - Mini DLG" on YouTube https://www.youtube.com/watch?v=FTqmPpe-RuA&feature=youtube_gdata_player

Dillon Losee - This man built this plane because of an rc model.

http://www.youtube.com/watch?v=HhdsXX0uidA&feature=youtube_gdata_player

Dillon Losee - http://www.youtube.com/watch?v=7pC-950i78Q&list=UUzNRfdviUJilxwQTVnC2WoQ&feature=em-share_video_in_list_user --- this is something to pass

by the club during the meetings. the option for members of the club to vote for the best take offs landings and crashes filmed each month. Bob passed this thought by me sense i try to film as much as i can for my channel that maybe the club can vote the best crashes or some thing. I think it would be in better spirit to vote best landings take offs and crashes of each month and maybe if all go's well we can even vote best single trick/stunt of the month .

MEET YOUR FELLOW MODELMASTER MEMBER – Cameron Masker

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

I became interested in RC modeling at a young age from being around and watching relatives who were involved with building and flying their own RC models. I saved some money and invested it by purchasing my own plane so I was then able to participate in the hobby.

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

I've only started building my own models within the past couple of years, but I have been exposed to RC modeling most of my life. I started flying about two years ago with premade helicopters and then graduated into designing my own plane.



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

I'm interested in every aspect of the sport – from land to air to sea. I enjoy being creative and making my mark on a plane that I build. I also enjoy learning to work with the electronic systems on the planes.

4. Do you remember your 1st plane? If so which one?

The first plane I built was a Hobby King B17F Flying Fortress. I spent a whole summer shaping the plane, painting it and adding historical details

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

My favorite plane is a Northrop Grumman B-2 Spirit. I had the opportunity to see one of these airplanes at the Wallops Flight Facility in Wallops Island, Virginia. The design of a tailless plane has always interested me. I would like to build a plane similar to the B-2 Spirit some day.

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

The most challenging part of this hobby is having enough money to buy all the stuff I want and need to fly!

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

I would like to be able to fly any type of aircraft from an airplane to quad copter.

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

One of my other hobbies is being an airsoft gunsmith. I enjoy being able to fix mechanical problems that my airsoft guns might have on my own.

9. Do you have any advise for new people getting into the hobby/sport?

First – practice, practice, practice. Take the time and effort to learn how to fly and maintain your airplanes. The experience you come away with will then be that much more enjoyable.

THE NATIONAL AVIATION MUSEUM AND LIBRARY by John Knight

My wife Maria and I recently traveled to Indiana to see our son Peter swim at the NCAA National Championships. We did not initially have plans to visit the National Model Aviation Museum, but that is where we ended up during the second day of our 14 hour drive to Indianapolis. The museum, located in Muncie, Indiana was not far from our final destination, making this last minute side trip the right thing to do.

The aviation museum is the repository of the history of model aviation. You get to see how the hobby has progressed to its current state. The roots of model aviation are on display for everyone to enjoy.

The museum and library is dedicated to collecting and preserving significant pieces of aeromodeling history in order to inspire a broad and passionate understanding of the historic, scientific, technical, and artistic legacy of model aviation, creating learning opportunities that stimulate the imagination, and encourage visitors to become actively involved in the world of aeromodeling.



down the hall to the exhibits there are displays of trophies and plaques. When I entered the exhibit hall, I unprepared for what I was about to see. For those of you who are Doctor Who fans you'll understand when I say it is bigger on the inside. The size of the exhibit area was much larger than first ex-



were in essence control line planes that were built for one thing only. Speed. I recall a flying show at Floyd Bennett Field in Brooklyn where an errant plane with a mind of it's own, drifted into the path of a rat racer. Instantly, the

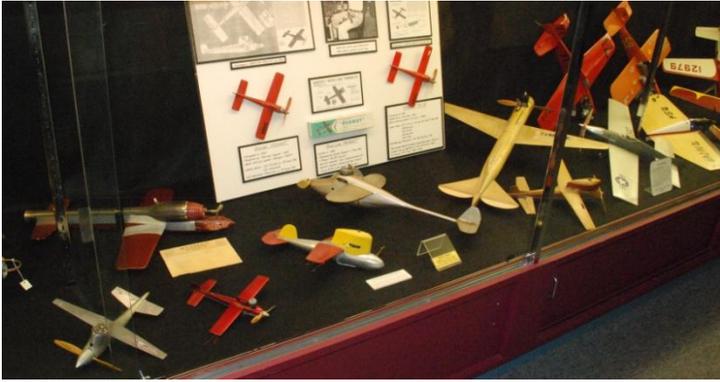
Upon entering the building, you are greeted by a very friendly receptionist who signs you in, and gives you a brief overview of the museum. You pay the very reasonable cost of \$4.00 for visitors and free for AMA members. As you walk



pected. There were planes in showcases and suspended from the ceiling. On display were penny planes, rat racers, control line planes, gliders, flat foamies, free flight, helicopters, and even flying saucers. If you can name it, you can probably find it here.

Since these exhibits represent our past, the longer you have been in the hobby, the more you can find in which to relate. I was first introduced to the hobby by my dad in the late 50's. I was immediately thrust back to my childhood. I was able to recall events that I thought were long lost. I saw rat racers. These

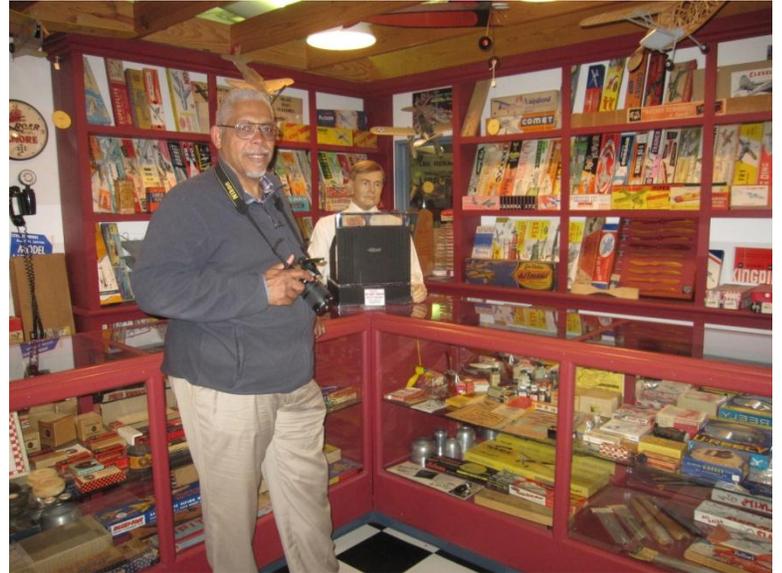
plane went from a graceful trainer to a bundle of sticks that fell listlessly to the earth, while the racer continued on it's path unfazed by the destruction it left behind. I saw a model of the Ringmaster. It was one of my first control line planes. It was with that plane that I did my first aerobatic maneuver. Miraculously, the plane lived to fly another day. There is a mock hobby store that is outfitted with



hundreds of stick build kits. I was able to spot several that I owned. If you ever tire of looking at planes, you can view showcases stocked with



motors. I was so excited to point out a McCoy .35. and a Cox .048 which were the motors of choice for most of my flying. Next were cases of radio control transmitters. I can remember when state of the art was a transmitter with a couple of buttons. You controlled the rudder which was definitely not proportional. Im-



agine what it would be like to perform a maiden flight, when your only control is the rudder and that control surface has only 3 positions; full left, full right, and neutral.



The two most intriguing items I saw was a seat that was reminiscent of a recumbent bicycle that was mated to a conventional transmitter. The "flying chair" (which did not actually fly) had foot pedals to control the rudder and a central stick to control the elevator and ailerons. The other was a cage that flagmen stood inside at pylon races to signal when a plane made a legal turn around a pylon.



The museum also contained a hands on room that had plane and heli simulators as well as other exhibits that illustrated Bernoulli's law.

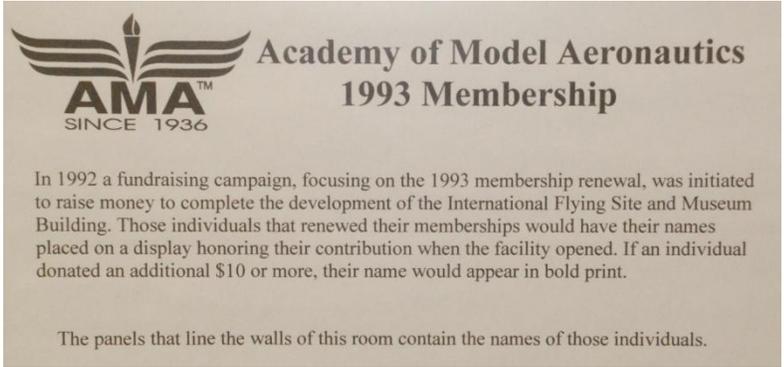
On site there is a workshop where building and restoration take place. The workshop is very well equipped and is certain to make any modeler envious. The other was the 1993 membership list that is



printed on the wall. This list recognizes those who renewed their AMA membership in support of the building project. Upon close inspection I did find the names of two of our current members, Lloyd and Warren. I'm sure there are others, but that is all that I looked for).

After going through the museum, you arrive at the reception area/ gift shop. I was tempted and encouraged by Maria to purchase a few items to remember the experience, especially since I am not likely to travel this way anytime soon. We are members of a fantastic organization. I hope that you will visit the museum if you find yourself traveling through Indiana. You will be pleasantly surprised at the memories that will be revived. If you are a newbie, then come to the museum to see what the hobby was like 50 or so years ago, and try to imagine what it will be like 50 years from now. This is a trip that I won't soon forget.

Oh yea, Peter had an awesome swim meet.



AMA
SINCE 1936

**Academy of Model Aeronautics
1993 Membership**

In 1992 a fundraising campaign, focusing on the 1993 membership renewal, was initiated to raise money to complete the development of the International Flying Site and Museum Building. Those individuals that renewed their memberships would have their names placed on a display honoring their contribution when the facility opened. If an individual donated an additional \$10 or more, their name would appear in bold print.

The panels that line the walls of this room contain the names of those individuals.

LEARNING LESSONS that were already told – Dillon Losee

Well a few days ago I finished installing the new motor on my Telink Extra Vanganza and I just programmed the brake function on the ESC. I sat on the floor and started to test how quick it stopped the motor. I did this in bursts. The first two were great and the motor stopped quickly. Next I thought, I could see how it would do with a full throttle burst, being it was on carpet, it should resist moving. It was about a 1 second burst and I was sitting in front of the plane's 35/42 motor size with a 12" prop. Bad idea!



MAIDEN FLIGHTS – Bob Santoro

Between April 1 - 3 Lloyd, John and Bob successfully maiden their planes- Bob's plane is an Apprentice John And Lloyd have Addiction X's.



SATURDAY, MAY 10 - FLOAT FLY AT LAKE TAGHKANIC

Sponsored by Mid-Hudson R/C Society

MHRC has once again scheduled a float fly at beautiful Lake Taghkanic, starting at 9 AM and running all day. It is free to participants. (AMA license required for flyers or boat skippers.) If the weather is good, bring the family to picnic and enjoy the park. Restrooms will be open, and there will be a retrieval boat.

The site is less than an hour's drive from Poughkeepsie, north on the Taconic State Parkway, in Lake Taghkanic State Park (Columbia County). There is direct access to the park from the Parkway. Follow the signs to West Beach.

Below are some photos from last year. I'll be going again this year, and I hope to see you there.

Jesse



2013 MHRC Float Fly. Airplanes of all sizes, boats, & an R/C duck! Join the fun this year, May 10th

DOUBLE THE FUN – Saturday April 26,2014

DOUBLE THE FUN - SATURDAY, APRIL 26, 2014

FLY INDOORS AT NEW SCOTLAND ARMORY - BUY AND SELL AT THE SWAP MEET

FLYING AND SWAP MEET

A UNIQUE OPPORTUNITY TO
TAKE IN TWO MAJOR MODELING
EVENTS ON THE SAME DAY

*THESE TWO EVENTS ARE IN THE HEART OF
THE CAPITAL DISTRICT, ONLY 15 MINUTES
APART, AND EASY TO REACH BY MAJOR
HIGHWAYS. See Map on Right*

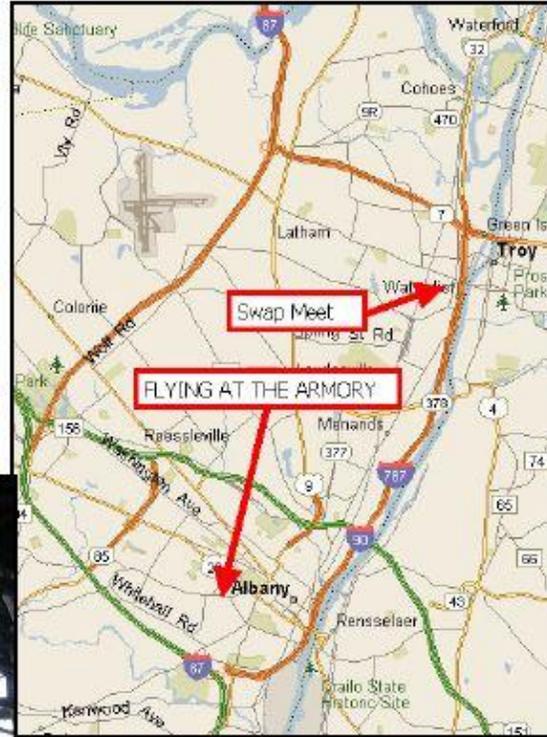


Photo at Left: New Scotland Armory.
At 160 New Scotland Ave, Albany, NY

Flying 8 AM to 4 PM Saturday, April 26th

Fly indoor R/C, Free-Flight, and C/L

Hosted by Electric Powered Aeromodelers



Photo above: A previous WWW Swap Meet. The 2014 Swap Meet runs from 9 AM to 3 PM.

Everything R/C, Demonstrations all day. End of Day Auction 2:00 to 3:00. Food Vendor on Site.

Location: Watervliet Dome, 1300 2nd Ave., Watervliet, NY *Hosted by the Watervliet Wind Warriors*

Note: AMA licence required for all flyers except for training with "Buddy Box".
See the respective club's website for additional information on each of these events.
www.watervlietwindwarriors.com <https://sites.google.com/site/epamodelers/>