



Wing Tips

March 2013

The Newsletter of the Mid-Hudson Modelmasters

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Club Officers for 2013

President: Bob Santoro [REDACTED]

Vice President: Ron Irvin [REDACTED]

Secretary: John Knight [REDACTED]

Treasurer: Tom Eng [REDACTED]

Sgt. At Arms: Flavio Ambrosini [REDACTED]

Club Calendar

Coming Up Shortly:

Sunday, March 24th: Club Flying Session at *ULSTER COUNTY COMMUNITY COLLEGE*.

In the Senate Gym Starting at 1PM. Directions to the campus can be found on the Modelmaster's website at <http://www.modelmasters.us>

Friday, March 22nd: Club Flying Session and Meeting – *HIGHLAND MIDDLE SCHOOL GYM, 71 Main St., Highland, NY 12528, 6:30 to 9:30*. Indoor flying and a short meeting at 7:30.

Note: Please limit flying to indoor types -- fly the larger, more aggressive models outdoors or at larger indoor sites

FLYING SESSIONS AT WEST ROAD FIELD

Every Saturday Morning, weather permitting.

Charge your batteries and let's fly!

Looking Ahead:

Upcoming club meetings and flying sessions at will be held at Highland Middle School. The following dates are reserved at the school. More coming on the starting and ending times in the next issue of Wingtips. If you have any questions, please direct them to Bob Santoro.

3/22/2013, 4/19/2013, 5/17/2013

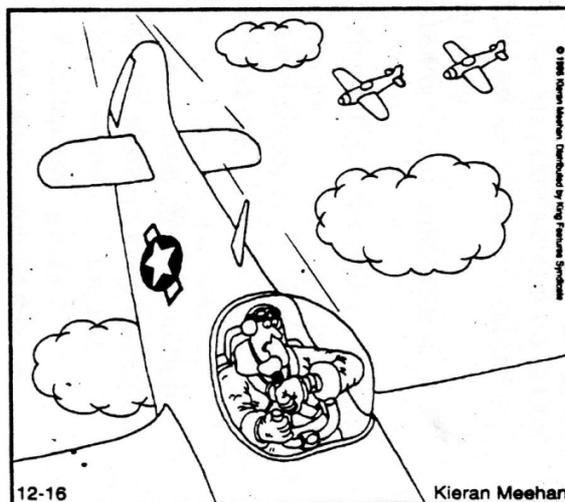
Flying Sessions at UCCC:

Thanks to the efforts of John Sohm, Modelmasters future flying sessions are scheduled at UCCC on the following dates:

March 24, and April 14

Sessions start at 1PM.

THE NEW BREED



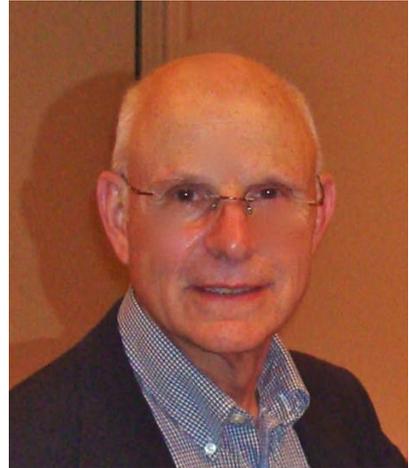
"Bandits at ... Uh-oh! Digital watch!"

FROM THE PRESIDENT'S COCKPIT -BOB SANTORO -

I can no longer talk about an extended outdoor flying season as we will soon be into spring without any lose of flying time thanks to Brad Quick for plowing the driveway and runway numerous times. Thank you Brad.

Our indoor sessions at both the Highland Middle School and Ulster County Community College have seen a great deal of activity. There has been good participation in our Aeroboard challenges, run by director Jer Milosek.

Several visitors to our indoor sites have now joined our Club and I look forward to seeing them at our field when the temperatures reach their comfort level.



Many of our members attended the WRAM Show and made their share of purchases of new planes and equipment. We look forward to seeing their new “toys” at both the gyms and field. I had the opportunity to speak with Bob Brown, President of AMA and got a glimpse into the direction our hobby is going as seen from a national level. I also had a delightful conversation with Eric Williams, the Vice President of our District II. He couldn't say enough about how much he enjoyed attending our dinner/auction and how impressed he is with our system of awarding Modelmaster Dollars to our members. He said he mentions this to all the clubs he has been visiting. He also commented on the comradery that he observed among our members, something he places a high value on, as you would know if you read any of his monthly messages in Model Aviation.

I am happy to report that Jim Eckhardt, who was in a serious automobile accident and has been at a rehabilitation center, may soon be coming home. He is making good progress and we hope to see him at the field.

Lastly, with the increased interest in quadcopters, Brad has volunteered to give a comprehensive presentation on all things quad at our meeting on the 22nd of March. I hope many of you will be able to attend.

To quote Eric Williams, “it's not about what we fly, it's about the people and the friends we make”

Build straight, fly safely and have fun,
Bob

REMINDER: 2013 MEMBERSHIP DUES ARE DUE NOW. PLEASE SEND YOUR COMPLETED APPLICATION AND CHECK TO THE TREASURER (TOM ENG) AND NOTE THE NEW ADDRESS. (THE OLD ADDRESS WILL STILL WORK FOR A WHILE). THIS WILL BE YOUR LAST E-MAILED(OR MAILED) ISSUE OF WINGTIPS IF YOU HAVE NOT PAID.

TOM ENG

NOTICE: THE LOCK ON THE CHAIN FOR THE REDL PARK FLYING FIELD WAS CHANGED ON MARCH 3RD. THE NEW COMBINATION IS PRINTED ON YOUR 2013 MEMBERSHIP CARD.



MINUTES FROM MODELMASTERS MEETING FRIDAY
2/15/2013

- 7:30 pm Call to Order
- 21 Members/Guests were in attendance
- Motion was made to approve the Minutes of the January 18, 2013 meeting. (Motion Carried)
- Al Trocia new member was introduced.
- Bob DiGiacomo has rejoined MHMM-He gave an overview of the early days of the club. When he was a member. At that time, the club was heavily involved in indoor rubber and free flight. He claims to be the originator of the Modelmaster Bucks'
- A letter from a former member, Ryan Tong was read. He had left the hobby, and is now returning.
- Treasurer Tom reports finances as \$1,117.59 in treasury. \$79.00 (Wingtips), \$500.00 AMA insurance.
- There are several members whose membership is about to lapse. Tom will contact those individuals.
- Gate combination will change on March 1, 2013.
- Feedback on the Annual Dinner:
 1. Dom did a great job at the auction. It was run well, and the auction items were good.
 2. Thanks to Lloyd for organizing and running the gift exchange.
 3. The dinner price included an additional amount to cover the cost of the dinner of Eric Williams (AMA VP) and tips for the servers.

NEW BUSINESS

- President reviewed the new indoor flying rules
- Motion to accept the indoor flying rules were made. [MOTION CARRIED]
- Check calendar for next flying session and time.
- Thanks to Brad Quick for plowing the field.

SHOW AND TELL

- Barry presented a 1928 Pietenpol Air Camper from Stevens Aeromodel. It was stick built and covered in Aerolight, a very strong material and light in weight. The laser cut parts fit well together. He found no flaw in the balsa. The plane has a wingspan of 24" and a flying weight of 2.1 oz.
- Brad presented his homebrew quad copter. The unit is built around a Hobby King programmable module that contains gyro stabilization and GPS. The unit can be programmed by the user to increase the functionality. The quad uses 4 HK motors, 30 amp ESCs and a 3 cell 8000 mAh battery.
- Jon presented custom coverings that he was able to produce with silk span, Corel Draw, and a color laser printer.
- Lloyd had 30 amp 12 volt power supply that was offered to the first taker. Flavio got it.
- Rick presented his F16 ElectriFly that he won at a raffle. Has a built up wing uses a 4 cell 2200 mAh battery and weighs in at 34 oz. It took some searching to find the correct CG. He also demonstrated method of hanging plans using 1 piece of string/rope.
- Motion to Adjourn at 8:22 pm

Respectfully submitted
John Knight, Secretary

EDITORS CORNER

As Bob stated there has been a large interest in the club on quadcopters. I myself have gotten bit by the buzzing quadcopter bug. These multirotor flying machines are quite amazing. I will list a few links to different RC Group forums that have a lot of great information. This link:

<http://www.rcgroups.com/forums/showthread.php?t=1771565>

has several build lists for different size and configurations of multirotors. Please be aware that these builds are under constant updates as they find better equipment suited for each multirotor. I myself have ordered the parts for the micro quad build and just received them the other day. I am in the process of measuring everything and drawing it up in AutoCAD to design a base that I will probably use carbon fiber for whether it be a sheet cut out or some extruded carbon fiber rods/square tubing. Below are some other multirotor forums that I have found helpful:

<http://www.rcgroups.com/forums/showthread.php?t=1261382>

<http://www.rcgroups.com/forums/showthread.php?t=1335765>

Below is a link to an open source ultra micro quadcopter that is a little more advanced but when I get through my first couple this is something I want to get myself.

<http://www.bitcraze.se/>

I personally cannot wait till the next meeting for Brad Quick's presentation. Until next month,

Sincerely

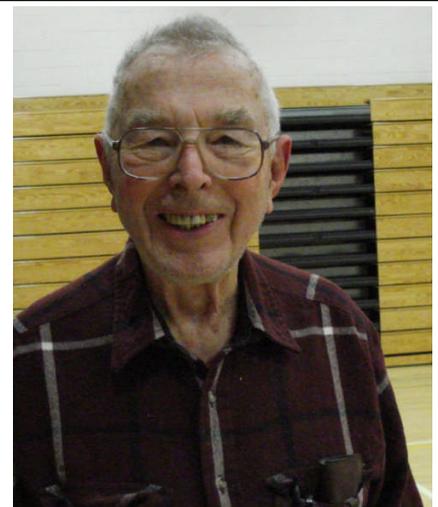
Nicholas Batson

MEET YOUR FELLOW MODELMASTER MEMBER DON PETERS

This month meet Don Peters, a long time member of local clubs who enjoys scratch building and has experience in flying all types of powered planes.

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

In 1932 my older brother called me and asked if I would like to build a model plane. Together we built a Sikorsky S39 with an 18" wing span from bamboo and tissue paper. The full scale aircraft is pictured below.



2. What aspects of the hobby/sport are you most interested?

I've been fascinated with planes built before 1915. I particularly like a Belgium plane called a Turcat and have built a model with a 65" wing span out of balsa, bass wood and polyester.

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

In addition to my Turcat I like the Huntington Clam, also a 1915 plane. It has big gull wings with a 70" span. It flies as slowly as you can walk and needs a very gentle touch on the sticks.

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

I enjoy building all my planes from scratch and that sometimes can be quite challenging as you never know what to expect on the maiden flight

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

I tend to get bored after flying my scratch built planes a half dozen times so my goal is to keep building as any planes as I can. I presently have 18 planes and have sold about 6.

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

I enjoy reading and have a vast collection of paperback books.

7. Do you have any advice for new people getting into the hobby/sport?

Don't be afraid to ask questions. In this club everyone is always willing to answer questions and to offer assistance.

SMALLER DOES NOT MEAN EASIER

It's me Dillon Losee with another build article. This is about my experience with building the Baby Ace. See another member built a stick built model (the Dumas bi-plane). Since I forgot to bring the Baby Ace to the auction and since the parts from the little vixen did not work on the other model my mind was set to build the Baby Ace for electric. The two most difficult parts was getting started and cutting the parts to size. I had to re-cut a bit. But I managed to keep the wing strait (no twist) though I can't say that for the fuselage so I did the best I could to line up the rudder with the motor so the fuselage shouldn't matter that much. That was after putting the elevator on, of course. Then the fun part was to line up the wing to the elevator. Before putting the parts on the fuselage I had to cover them and thanks to the information I got at this year's auction (use glue stick) for the covering. The plane was built with white glue when on the table and C.A. while off the table. I only glued it to my hand about 4 times. But even though this plane is smaller and took only 5 days at 30+ hours and the Sig Commander took 9 days and over 40 hours easy. The Baby Ace is much more difficult to build than the Sig Commander to me anyway. I don't prefer fragile builds. To see the Baby Ace build on a slide show, go to [YOU TUBE](#) and view my channel [Metalfox1911a1](#), or search [metalfox1911a1](#). You can even search for Baby Ace Build or Baby Ace Slide Show and it should come up.





MID-HUDSON MODELMASTERS AEROCHALLENGE BOARD



TIMED FIGURE 8

<u>Contestant</u>	<u>Points</u>
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ULSTER COUNTY COMMUNITY COLLEGE

Jer Milosek	4
Al Trocchia	4
Frank Pate	4
Eric Milosek	4
John Sohm	3
Don Peters	3
Graham Foster	2
Bob Santoro	2

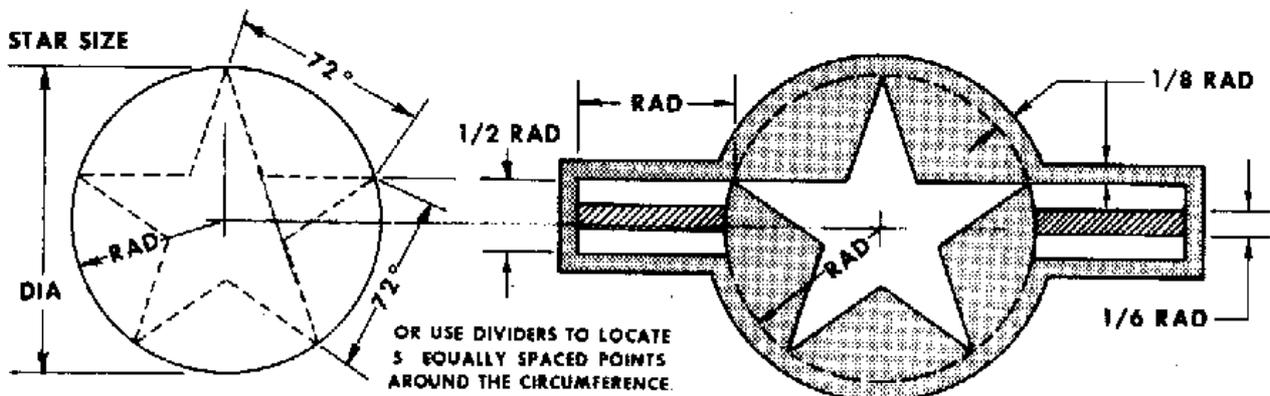
HIGHLAND MIDDLE SCHOOL

Graham Foster	4
Brad Quick	4
John Sohm	4
Rick Rizza	3
Tom Eng	3
Flavio Ambrosini	3
Larry Kunz	2
John Knight	2

LLOYD QUICK'S QUADCOPTER

This is my home made quadcopter with Snoopy's doghouse flying in a 10 mile per hour wind from my driveway.





SIZE REFERENCES ARE BASED ON THE CIRCLE ON WHICH THE STAR IS CONSTRUCTED AND NOT TO THE OUTER EDGE OF THE BLUE OUTLINE.

NATIONAL STAR INSIGNIA

DIMENSIONS FROM USAF TECHNICAL MANUAL T.O. 1-1-4

Courtesy of RC Groups Electric Scale Decals for Downloading and the USAF Technical Manual

<http://www.rcgroups.com/forums/showthread.php?t=359029&page=2>