



Wing Tips



JANUARY 2021

The Newsletter of the Mid-Hudson Modelmasters

Editor: Domenick Fusca, PO Box 266, Pleasant Valley, NY 12569-0266

Email: wingtips@modelmasters.us

Website: <http://www.Modelmasters.us>

2020 Club Officers

President: Kent Wien

Secretary: Larry Kunz

Sgt. at Arms: Flavio Ambrosini

Vice President: Scott Fellin

Treasurer: Tom Eng

Club Calendar

Coming Up:

- **CLUB MEETING , Friday, January 15, 8pm:** This meeting will be held virtually using Zoom. Watch your email for further details about how to join.
- **January Wing Tips articles & photo submissions due, Thurs., February 4:** Send your submissions to wingtips@modelmasters.us Due date is first Thursday of each month.

Other Events:

- **MONTHLY MEETINGS:** Watch your email for dates.
- **OUTDOOR FLYING SESSIONS AT WEST ROAD FIELD** – Every Saturday Morning, weather permitting. Social distancing is practiced.
- **AMA Air summary of FAA's Final Rule for Remote ID (this aired on Dec. 29) -**
<https://www.youtube.com/watch?v=brmWASOgqM4>

MEETING MINUTES – December 11, 2020

+ **Zoom meeting** Called by Kent Wien @ 8:15 PM.

- We had at least 12 participants
- Next meeting is **Friday Jan 15 @ 8:00 PM** .. on Zoom

+ **Treasurer's report:** by Tom Eng

\$1755.35 (+\$500 escrow check not cashed), ,
2020 Membership now at 42
2021 We already have 17 members.

Note: Renewal is \$35 after Jan 1

Tom will take cash at the field, or send check to
Tom Eng at PO Box 566, Pleasant Valley, NY 125
(make check out to "ModelMasters")

+ **Old news :**

- The annual "Holiday Party" will be held outside in April or May.
Pretty much the same format as we did inside !
- The annual "Summer picnic/party" will slide out to September. Same format as usual !

Greetings from Kent Wien

Greetings aviators!

Well there you have it; we can officially kick 2020 to the curb. In all the sacrifices we made this year at the club, none were more disappointing than the temporary loss of our indoor flying location. Hopefully we'll get this back next fall. If you haven't joined us at the Highland Middle School Gym, you're really missing out on some fun. In anticipation of the school reopening the doors to us, I bought the new version of an e-flight UMX Night Vapor. It has an improved landing gear design and airframe, customizable LED lights and SAFE Select technology. Pretty slick.

Special thanks go out to everyone who helped make this job easier for me, especially Bob Santoro and his wonderful work on the club picnic and fun fly every year, Domenick Fusca for putting together this newsletter without missing a beat, Scott Fellin for filling in on so many meetings for me that I feel like we share the 'title' of president. Larry Kunz has been a very accurate secretary and the same can be said of Tom Eng's approach to treasurer. Without Tom, I think we'd just put everything on red and let it ride at the casino. Fortunately Tom hasn't let that happen. Thanks also to Bill Bolitho who has kept track of the Modelmasters Dollars which are now being rolled over to the next Club holiday party that will likely occur in the spring or summer. And finally a special thanks to Brad for helping me transition into this task. He certainly made it easy and he's full of good ideas.

A highlight for me this year was after flying one Saturday at the field, John Knight reminded me that he had earned his private pilot's license 30 years ago. Well, I offered to take him up in my little Husky and he jumped at the offer. We were airborne a few hours later and I told John, "Do whatever you want to do." We went above a scattered layer of clouds and he proceeded to knock out some stalls and absolutely nailed them. He flew the Husky like a pro!



Meetings are continuing via Zoom at 8 p.m. on the third Friday of the month. I'll send out an email reminder with the join up instructions. It's super easy and it's led to a really nice turnout. This also saves the following Saturday for a full morning of flying.

Here's to even more flying this year and I look forward to seeing everyone on the next good Saturday morning!

Homemade Funcub Skis by George Amenta



With the snow we have had recently I thought it would be a good time to share the skis my brother and I made for my funcub about a year ago.

Last winter after a morning flying down at the school and seeing everyone's planes on skis, I decided I wanted a pair for myself. I looked online at the ones made by dubro but decided it would be a fun challenge to try and make my own. And between my brother's two 3d printers and his knowledge of Fusion360 (some design software, he now uses Solid edge by Siemens) I figured we could come up

with something.

My first criteria was that I wanted to be able to mount it to the landing gear struts without any additional hardware. Whatever held the tires on I wanted to work with these. The other requirement was I wanted some sort of bungee system as opposed to the spring system used by dubro due to the more scale look.

The original design included a basic ski shape with a hole in the front for the bungee attachment and the mounting block to attach to the landing gear. Small ridges were added on the bottom as well in an attempt to improve tracking. The length (which we pretty much just eyeballed) was too long to fit on my brother's bigger 3D printer print bed. So, he decided to print in two sections and join them together with a few screws. I



quickly realized that although the front bungee did its job in preventing the front of the skis from digging in, I needed something else to prevent the skis from flipping vertically due to the airflow. So, my brother designed a rear attachment point for a second bungee which took advantage of the preexisting screws used to hold the two halves together. A small bit of epoxy was also used to hold the rear part of the mounting point down. We probably could have improved this part of the design but at the time the snow that was already on the ground was melting and I was just eager to try it out. These "bungees" I keep referring to are just a few rubber bands linked together. I played around with how many I should link up on each side to get the right amount of tension so the front end was pulled up slightly higher than the rear of the ski. The rubber bands are just wrapped around the struts where it attaches to the fuselage.

The result is a success. It tracks great on the snow and the rubber bands allow the ski to remain slightly pointed up during flight and rotate to be parallel with the snow on landing. Flying on the snow on skis is fun and it's cool watching the skis and rubber bands doing their job as it pivots around the axle almost like a kind of suspension. I attached a few more pictures showing some close ups. If anyone has any questions feel free to email me. In the end my brother was the one that designed and made these, I just had the idea and tested them out. It was a cool collaborative project that serves its purpose and works pretty well.

December Maiden Flights and Mishaps

- **Tom Eng** – club project, Coro Cub. Many of us thought we would not see this maiden. ☺ Congrats Tom for completing your Coro cub.



- **Brad Quick** – re-maiden of home built Boeing 737, with improved ducted fans



- **Brad Quick** – Coro Cub mishap



Interesting Stuff

- **Annual New Year's Day Club Fly (Socially distanced)**



From left to right: Tom Eng (not photoshopped in), Andrew Monteleone, Dom Fusca, Paul Ollivett, John Knight, Chris Curran, Brad Quick. Lloyd Quick & Paul Hagen were also present but had left before this photo was taken.

- **Dillon Losee -**

- Pneumatic Plane - <https://youtu.be/I1Of1WRo38s>
- Turbo Kwad!! - the ULTIMATE Race Drone? - <https://youtu.be/VOZw8PcIlbw>
- FAA Seizing Drone Hobbyist Airspace with UTM? | Advancing Remote ID - <https://youtu.be/JNpDJle7cyM>
- Why Most DRONE HOBBYISTS are FLYING ILLEGALLY According to the FAA - The Rules - <https://youtu.be/OfsSNHL8Aws>
- RemoteID is here. Is FPV dead now? (FAA REMOTEID 2020 EXPLAINED) - <https://youtu.be/MCxbVBbyA7s>

- **Larry Kunz - Christmas Fokker joins the orange fleet ! Although, Larry, looks more red than your patented orange to me ☺**



- **Tom Eng – looking back on 2020**



Combat event at our 2020 Picnic



2020 Picnic Flight Line



2020 club meeting