



Wing Tips



September 2020

The Newsletter of the Mid-Hudson Modelmasters

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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 , Saturday, September 12:** To be held at the field. Watch your email for further details.
- **October Wing Tips articles & photo submissions due, Thurs., Oct. 1:** 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.

MEETING MINUTES – August 15, 2020

- + Open flying till 9:45
 - Many members arrived by 8:15 to help set up for the party.

- + Meeting called @ 9:45 by president Kent Wien.
 - Next meeting is September 12, at the field
 - And, unofficially, every Saturday morning at the field (8 AM till about 1 PM)

- + Treasurer's report: by Tom Eng
 - Club treasury now at \$1447.55
(but Highland Middle School still has not cashed our 2019-2020 \$500 security check)
 - We owe Brad as yet undetermined \$\$ for mower repair parts.
 - 2020 membership now at 38.

- + Party Prep:
 - Bob Santoro planned and coordinated.
 - Scott Fellin mowed, and poisoned runway weeds
 - Paul string trimmed.

- + MM Summer picnic / party: Saturday, August 15.
 - There were at least 15 member / fliers in attendance !
 - No guests this year due to Covid. We miss the ladies and other friends !
 - Many members brought and assembled shade tents.
 - Tom Eng brought and cooked Burgers and Dogs.
 - Larry & Paul served the food.
 - Several members brought food - Home made pickles, roasted tomatoes, tossed salad, etc.
(A big Thank you ! to any wives & friends who contributed)
 - Scott ran six fun flying competitions !

- + New Business:
 - Mowing mystery. Someone has brush-hogged large areas beyond our flying area.
We know not why, but it does make access to downed planes easier!

- + Misc:
 - Put a small rare earth magnet on the side of any screw driver shaft to make the driver hold a screw.
 - Some members are having great success with UV bonding kits (available on Amazon)

MODELMASTER PICNIC MOMENTS and RESULTS





Event: Dice Loops

- 1st Larry Kunz, 23, 25
- 2nd Brad, 28.05, 15
- 3rd Flavio, 31, 10

Event: Crackers

- 1st Al, 44.02, 25
- 2nd Dave, 44.27, 15
- 3rd Kent, 1:01.37, 10

Event: Spot Landing

- Dave, 9", 25
- Kent, 23'2", 15
- Flavio, 25'10", 10

Event: Aerobatics

- Kent, 12.18, 25
- Paul, 18.95, 15
- Larry, 20.23, 10

Event: Musical Planes

- Kent, 25
- Larry, 15
- Tom, 10

Top 3 Point Scores

- Kent 75
- Larry 50
- Dave 40

Recent Acquisitions by Rock Rizza

I can't stop myself! Recently I've added three new EDF jets to my fleet-a 3 cell, a 4 cell and a 6 cell.

The 3 cell is the most recent and was an ebay purchase for \$99.00 with free shipping. I guess they charged sales tax because it was 107 all together. It is a Starmax F/A 18 in Canadian "Tigermeet" colors. Quite a sight! It was PNP, and everything checked out as OK. The gear is fixed, but some people leave it off for hand launching although it is not a tiny plane. It goes together with glue. Epoxy works fine, but it is your choice. There are dual servos on the elevators and wings. There are no rudders, but the rudder channel is used for the nose wheel steering. I have it ready to go, but as of this writing it is unflown.

Next the 4 cell. This is a Hobby King model called the JetStar. Retail is around \$130 from the US warehouse with free shipping. This airplane has good points and bad points. The bad starts with the terrible manual which leaves the modeler a lot of questions. The wings plug into the fuse with a Carbon fiber wing tube and are held in place by magnets at the fuse-a not so good connection which leads people to use glue. What they don't mention in the manual is that there are several sharp pointed self threading screws and a plastic plate on the bottom of the wing directly in line





over the wing tube. When you thread one of those screws in there, it is just long enough for the tip to engage the CF tube, and then that wing is not going anywhere, but you can still remove it if you want to.

The horizontal stabs are also tricky and although they ostensibly CAN be screwed into place, most owners, myself included, used glue here. Also, the hinge is very stiff and the pushrods (2 of them off one servo) are very flimsy, so “exercise” the hinge well and you may want to do whatever you can to increase the elevator throw.

Of the 3 planes, this is the only one I have flown so far. The maiden was off grass and the power was plentiful so that it took right off

no problem. There WAS enough elevator and the ailerons were very sensitive. It has a quick roll. It was touchy but not problematic. That flight, and the next one (off pavement) were satisfactory.

Now the 6 cell was also a Hobby King purchase called the Sky Sword. This was the 70mm fan and it was on sale at the time for \$143.00 and I feel quite the bargain. It comes PNP with retracts and flaps, and is very futuristic looking, kind of Star Wars. The assembly was straightforward with no glue involved. The wings have a carbon fiber tube and plug in at the fuse so there are no wires to mess with there, and there are lights in the wingtips.

The rudder servo is in the vertical stab which is integral to the fuse. The horizontal is a “T” and if there was a “least favorite” part of the assembly, this is it. There are 2 short CF tubes form the vertical into the horizontal, and TWO servo wires to connect here (each elevator has its own servo), then you use 2 self threading screws to attach the horizontal. Besides that minor inconvenience, the assembly is a non event that basically consists of attaching and adjusting the pushrods. Once that is done, you are good to go. The Sword comes with an XT90 connector, and



I bought a battery for it at the same time as I bought the plane. Once I had it assembled, I realized that even with the pushrods in place, it could be disassembled in a snap and would fit snug back into its foam tray and box, so that is where I will store it. Field assembly should be quick and fairly easy. And BTW, that pointy nose cone is held on with a magnet and is replaceable.

Interesting Stuff

- **Dillon Losee**

- RetroRC 1951 Flying Wing - Model Aviation magazine - <https://youtu.be/HIULNMVtYvI>
- GT-R 369 + GNB 6s 850Mah =? - <https://youtu.be/JIwn91MrPvk>
- Retro Kwads - <https://youtu.be/fto5p3ZY08k>
- How to Waterproof Electronics || Nail Polish, Silicone, Potting Compound - <https://youtu.be/h8ycmroFQSs>
- Is this FINALLY the cheap FPV goggle WE WANT? SJ-RG01 FPV goggle review - https://youtu.be/m1SFdKm_evo
- World's Largest Race Drone | Flite Test - https://youtu.be/Vi_vuzmOSY
- Combat Model Masters 2020 - <https://youtu.be/xkwV2FtwJLk>
- Racing Australia's FASTEST FPV DRONE PILOT - Pilot Showcase - <https://youtu.be/H39rt85QZ6Y>
- Proof: FPV is safer than Line Of Sight (no midroll ads) - <https://youtu.be/scTDDmqbNAs>