

March 2020

Balsa Dust

An Official Publication Of Genesee Valley Aero Modelers, Ltd.

www.gvam.org

www.facebook.com/gvaero/

Editor: Peter Donk 2044 Deiter Rd. Wayland, NY 14572 peterdonk@aol.com

NEXT G.V.A.M. MEETING

Thursday 4/9/20 6:30pm at the Honeoye Public Library
(8708 Main St. Honeoye)

Dues Are Due

The 2020 flying season approaches and that means annual GVAM club dues are due once again. Many members have already paid this year's dues but for any holdouts the time has come. Adult membership remains at \$75.00, junior membership (19 and younger) \$1.00 and social membership (non-flying) \$15.00. Dues can be mailed to:

Glenn Crocker, GVAM Treasurer
21 Highview Trail
Pittsford, NY 14534

Did You Know?

By Nick Trezza

Gentlemen, I hope everyone is well and healthy. This virus thing is a real pain in the ass, but it gives us a lot of build time in the workshop. I know this will solve all your problems, it's time for "Did You Know?"

This one is pretty funny. At the outbreak of WW2, the movie producer and head of Warner Bros. Movie Studios, Jack Warner, went into the service and was commissioned as a Lt. Col. in the Army Air Force. Well, because Lockheed Aircraft wasn't too far from Warner Bros. Studios, old Jack got a great idea and painted the roofs of the studios with signs that said "Lockheed Is That Way" with huge arrows pointing in the direction of the factory. He was afraid the Japanese would mistake his studios for Lockheed's factory and bomb them by mistake. Well, as you might figure, the brass didn't go along with his idea and told him to change it.

Next item --- I'm sure everyone remembers John Wayne the movie actor and America's hero. Well, everyone at the time thought he was a big-time war hero. Come to find out, he was never in the Armed Forces. He was classified as 4F. But from 1942-1966 he did star in 14 war movies and that was considered good for the morale of the country.

Next item --- One morning a Hawaiian lawyer named Royal Vitousek decided to take his son for an early morning plane ride in his Aeronca. As they were flying around and enjoying the beautiful scenery Royal noticed a large number of planes passing them and flying overhead. He then turned around and tried to fly with them until he noticed a big red dot on the planes and figured something was very wrong. You probably guessed by now the date of that morning flight was December 7, 1941. That had to be something to see. A guy flying around having a good time when most of the Japanese Air Force was coming toward him. The first words that come to my mind are HOLY S#&T!!!

Well gang, that's it for me. I know these are trying times for everyone, but I have to say the country is pulling together pretty well. Fly on and build something damn it!!! *Nick T. V.P.*

The timing always seems to be Fortuitous

Well, it happened once again. Life dealt me an unusually difficult day and I was just looking forward to getting home and finding some way to get my mind off of everything and zone out and relax. When I got home, I plopped myself down in front of the TV hoping to find something entertaining to watch but picked up my pile of new mail to go through quickly before I got too distracted. In the middle of the pile was the March issue of Model Aviation Magazine so my spirits were picked up a bit right away. I look forward to the new issue arriving every month. At that point the damned TV could wait and I started perusing magazine pages instead.

A few minutes later I got to the Focal Point section of the magazine and there she was. My latest ultralight model right there side by side with all those other nice looking readers' creations. Gotta say once again, my day went from terrible to pretty freakin' cool in about 30 seconds. It's always gratifying to see a model on the page like that and to be able to share the end product of a build with others who might appreciate it... 😊



Ultralight

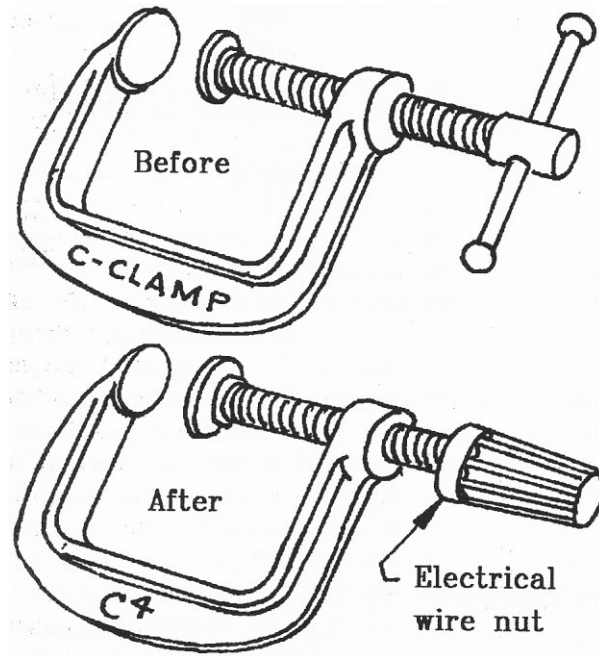
Peter Donk's (Wayland, New York; peterdonk@aol.com) scratch-built 1/4-scale ultralight design is based loosely on the Cubchel French aircraft. The "control wing" design does not use ailerons, but the wing panels pivot for roll control. The wing can also be coupled or mixed with the elevator to change the angle of attack as elevator input changes.

The fuselage on the 86-inch wingspan aircraft is bolted together with 6061 aluminum, while the wing and tail feathers are of more-conventional model airplane balsa construction. It also features a modified Clark Y airfoil. The ultralight is powered and controlled by a DLE-20 gas engine, 16-ounce fuel tank, Hoar 17 x 6 propeller, Power HD 1501MG servos, a Futaba receiver, dual Turnigy 6-volt 2,300 mAh NiMH receiver batteries, and a Turnigy 6-volt 2,300 NiMH ignition battery.

A YouTube video can be seen at <https://youtu.be/kYNibikinzU>.

Tips and Tricks

Here's something I never thought of and haven't tried yet but the next time I get to Harbor Freight I'm gonna get a couple of small cheap clamps and give it a whirl. It seems like I'm always trying to clamp something inside a fuselage build or whatever where there's just no room to spin the clamp handle easily. This might be just what the doctor ordered for those light clamping duties in tight quarters.



Projects

Glenn sent along some pics of his Mosquito twin project. He included a great description so I'll just let him tell you all about it.

Every RC pilot needs to have the aggravation of a twin during their RC career. I have tried glow and gas engines over the years. It seems that by themselves they run flawlessly but put them together and one or the other wants to be balky. So, I decided to try electric motors on this one. Notice I used the right terminology. Pete has accused me of going to the dark side on this one. He keeps walking around mumbling, "Friends don't let friends fly electrics."

With this new endeavor I had to determine what size motor to use and needed a speed controller and then needed to know what size batteries to use. Then after all this enjoyment I found the connectors are not common so I had to have Tom (Performance Hobbies) make a harness that would work with everything. Then I had to decide if I wanted to run the receiver from a separate battery. After all this fun and enjoyment, the motors worked just fine. I want to thank Max (I think) for helping me.

It seems to be a lot easier to just slap a 20 or 30cc engine on and go for it. The positive part of this is that when I get things ready to go I can probably put a flight on the plane before painting to see how things go. If they do not go well I won't have spent time painting the plane. The motors and mounts are much smaller and fit in the cowl

better and there is no muffler that screws up the scale outline. Airflow over the speed controller should be good. I have included some photos and will include more as the build progresses.

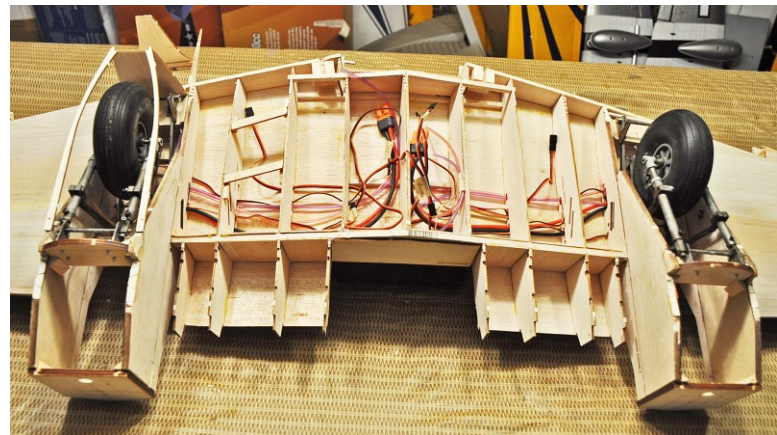
One thing I would like to mention is that there will be a piece of Eric in the plane. Eric fabricated the landing gear in the Mosquito. He made this for the first Mosquito I built and it has never let me down.



This isn't a clipped wing Mosquito. The wing tips are put on at the end of the wing build (learned from experience)



Wing with cowls installed. Fit looks good



The bottom center section - electricians nightmare



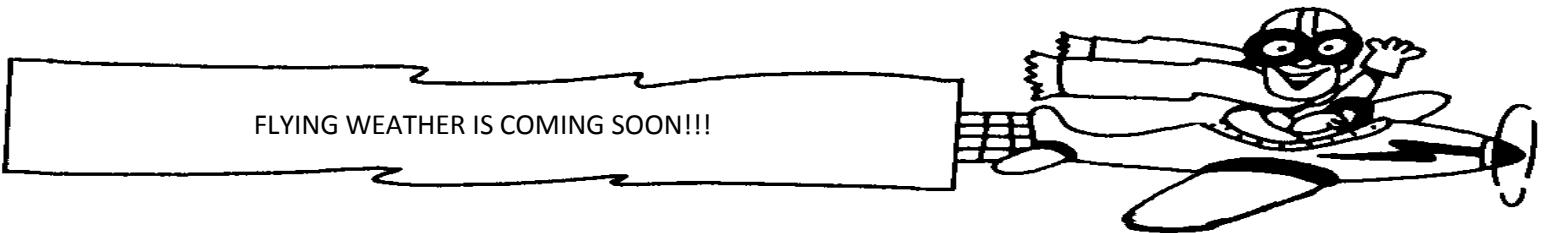
Landing gear installed. Had to use air because the linear electric actuators would not lift the wheel. Eric fabricated the landing gear on the first Mosquito



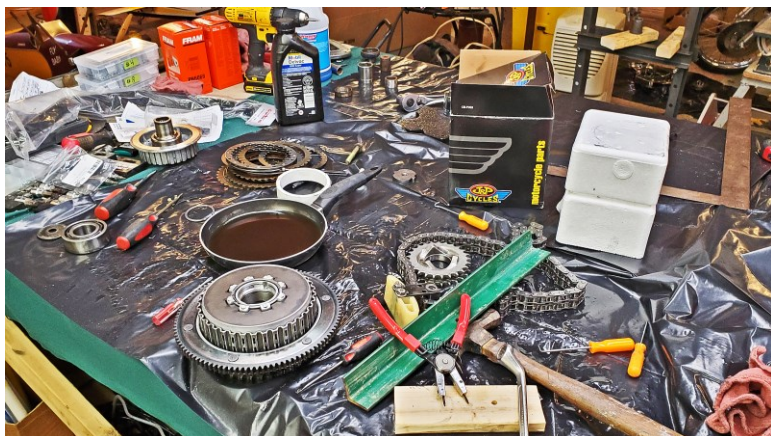
Landing gear extended. Looks cool



Stabilizer, elevator, fin and rudder



FLYING WEATHER IS COMING SOON!!!



What's this crap all over my workbench?!?!
Those aren't RC plane parts!



Uh oh. Looks like the planes are gonna have to learn to share
the shop space. Found a deal I just couldn't pass up! ☺

Likeable Links

Genesee Valley Aero Modelers website - <http://www.gvam.org>

Genesee Valley Aero Modelers on Facebook - <https://www.facebook.com/gvaero>

GVAM YouTube channel - <https://www.youtube.com/channel/Uck7v-HTFGO-6NRtHYM5C6Q>

Windy.com (wind/weather forecasting) - <https://www.windy.com/42.737/-77.542?41.810,-77.542,7>

Weather Underground - <https://www.wunderground.com>

Academy of Model Aeronautics - <http://www.modelaircraft.org>

AMA District II - <http://rcpilot.wixsite.com/amadistrictii>

AMA YouTube Channel - <https://www.youtube.com/channel/UCBnIE7hx2BxjKsWmCpA-uDA>

Rochester Aero-Modeling Society - <https://www.ramsrc.org>

Windy Ridge RC Flyers (Hammondsport) - <https://www.rcflightdeck.com/club.cfm?id=1283>

Canandaigua Sky Chiefs - <http://www.canandaiguaskychiefs.org>

Southern Tier Aero Radio Society ("STARS" - Cuba) - <http://www.rcstars.org>

Sky Rovers RC Flying Club (Phelps) - <http://www.skyrovers.org>

Finger Lakes Air Pirates (Seneca Falls) - <http://www.flapsrc.com>

Radio Control Club of Rochester - <http://www.rccr1957.com>

AeroFred (free model airplane plans) - <https://aerofred.com>



Looks like the RC builders/flyers in Arcade, NY take their
hobby very seriously

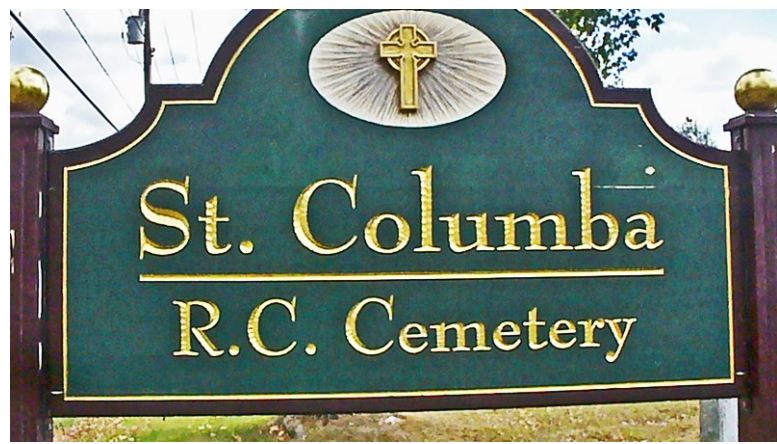


Didn't know there were entire churches devoted to RC flying



St. Mary's R. C.
Primary School

This must be where they teach the young ones all about the hobby



And alas, where all planes are destined to wind up one day

If anyone has any projects or experiences or anything at all RC-related you'd like to share here please feel free to send it to me and I'll include it in a future edition... Pete peterdonk@aol.com