



MAAC'S ZONE B NEWSLETTER

Issue no. 97

Takeoff is optional
But landing is mandatory

May 2020



Some isolation builds

Carl Layden's
Lancaster

****INSANE***
*** RC**
FLYING
4D Delro
Raven



Jim Gavel's Zero

https://www.youtube.com/watch?time_continue=2&v=73eJUywem30&feature=emb_logo



And a look back twenty years to the summer of 2000. Sorry folks, I only have photos from Nova Scotia.

And a lot more!



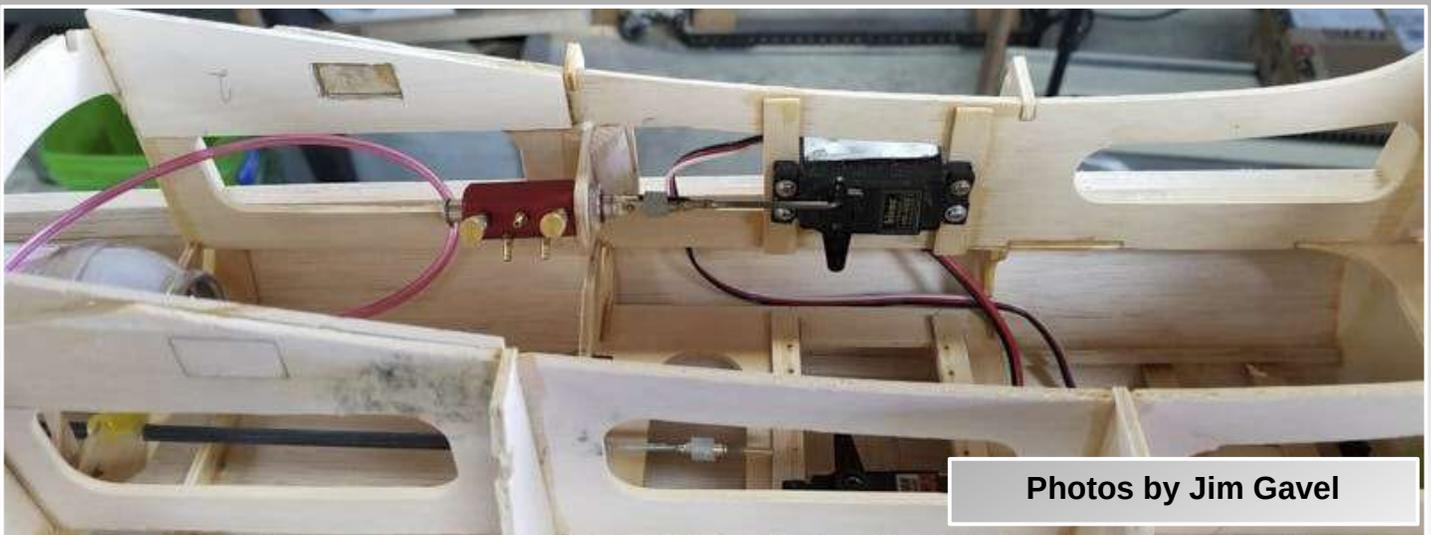
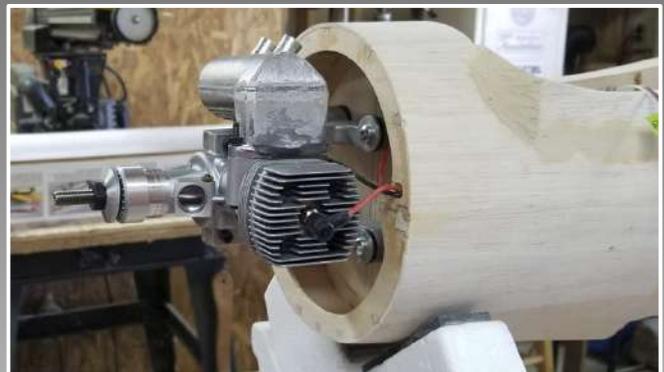
ZONE B NEWSLETTER

Jim Gavel's Zero update

Work has been progressing nicely, what with all the "free" time we have on our hands. Isolation sure puts time on your side for all the little things you have been putting off.

Anyway, fuselage is completed and ready for final sanding before covering. Ailerons, Elevators and rudder are ready for covering and I will be using SIG Koverall for these surfaces. This is a fabric that is attached to the surface with dope and then heat shrunk before finishing up with dope again to fill the weave. It's designed to cover open structure, something the fiberglass cannot do. The remainder of the main structure, fuselage, wings and flap surfaces, will be covered with $\frac{3}{4}$ oz fiberglass and finished with Deluxe EZ Kote system. This is the same system I used on the Spitfire and will also finish paint with latex paint.

I have trial fit the radio components, fuel tank and also incorporated a remote activated glow driver which will use power from the radio battery. I know, sounds risky but the way it operates it will auto shut off after 30 secs if you forget to turn it off. I have also doubled the battery size to allow for extra draw.



Photos by Jim Gavel

ZONE B NEWSLETTER

Jim Gavel's Zero update

All control surfaces have been trial fitted with hinges and are ready to mount after covering.

Engine and cowl installation is complete and I'm just waiting for the props and a new spinner to show up before I bench run the engine. As suggested by SuperTigre, I'll run a couple tanks through for a breakin and then install in the plane.

So it's getting closer all the time however, at this time of the year, I usually halt model building to start getting the summer "stuff" ready, but this is a different year, so we'll see.

Stay tuned for next update!



ZONE B NEWSLETTER

St. John's r/c flyers (sjrcf) spring report

April has been an indoor (shut in) kind of month. Covid 19 has curtailed most any kind of outdoor activity other than essential travel. Our club members have still been actively working on winter projects. Most of the winter builds which were meant to be multi season build projects have turned out to be single season hopefuls. As they say, when given lemons, make lemonade. Many of the club members are making quite good progress during their shut in time.

These two boat planes have been given make overs by Tony H. Newly back into the hobby after a hiatus, Tony has recovered and upgraded the electronics in these planes. The Seamaster has been styled in the USA Coast Guard markings, while the Sig Sealane has been given more of a WWII military look with invasion stripes. Both are nitro powered. Tony is hoping to start training on a buddy box with his also refurbished trainer once the all clear is given for group gathering again. Oh, almost forgot, he also built a stand for testing the engines that have been sitting on a shelf for some time.



ZONE B NEWSLETTER

St. John's r/c flyers (sjrcf) spring report



Several scratch build planes are seeing good progress as a result of the alone time. The club is making great use of ZOOM technology to provide club members with visual updates on how the builds are progressing. In addition, we are also being provided with excellent technical advice on many aspects of scratch building by the use of the video conferencing. We are scheduling virtual group meetings every second Monday.

The past two sessions have featured updates on progress of two ongoing builds that started this winter. Our first session was hosted by Keith P. He has been doing a make over on a plane (Lazy Ace) acquired from George J. This makeover is incorporating quite an amount of fibreglass construction. This ZOOM session included some detailed accounts from Keith of his fabrication using fibreglass.

He gave instructions about cloth weights and how to retain extended work time on usage of the glassing compound. Here is a new cowl constructed using a foam plug that was fibreglassed. He has also fabricated an instrument panel for the plane.



ZONE B NEWSLETTER

St. John's r/c flyers (sjrcf) spring report

George J. has not been left without a little building project himself. At a recent visit to Signal Hobbies, George spied an E-Flight Cessna ARF that reminded him of a full sized plane he flew many years ago. The plane has an 84" wing and should weigh in at about 9 pounds. The plane will be fitted with an electric motor. He will also give it the same call sign as the original, SFXOG.

Our second ZOOM session was hosted by Fred C. from his workshop. He has made good progress on his Top Flight Giant scale Corsair. The plane has a 86" one piece wing with Robart retracts including also a retractable tail wheel. The fuselage fitted with a DLE 55 rear exhaust engine. This was to be a two year build, but Fred is hoping to complete the Corsair by the end of July! The plane is nearing readiness for Monokote covering in the plane's traditional flat blue colouring.



ZONE B NEWSLETTER

St. John's r/c flyers (sjrcf) spring report

Stephen B. has taken a little time off from building his Hi-Max giant scale. He has decided to take on a little side project, a tug boat build. It is 37" long and is a scale model of a 85' harbour tug from a Francis Smith plan. It is strip planked with 1/8" balsa and will be fibreglassed on the outside. It will be powered by a single 12v electric motor and 3" brass propeller. It will have an operational smoke system, sound generator and bow thruster. He also has made a new test stand for his engines. He says that bending over was too hard on the back, so this 36" tall design is much more ergonomic. The test stand is made from 3/4" MDF, it weighs about 30 lbs without the engine or fuel can. It is designed to hold 2-4 full size concrete blocks for weight if needed. It has a safety kill switch and will have a settable throttle control. He's made multiple face plates for the different engines in his collection, that are quickly interchangeable. He can provide a free measured drawing to anyone interested in building one for themselves.

The weather still hasn't improved enough here in St. John's to feel we are missing out on flying time due to Covid. Our flying field is mostly snow free but access won't likely happen for a few more weeks, as the road is still snowed in and will need to dry out. Until next time, stay safe and wash your hands often.



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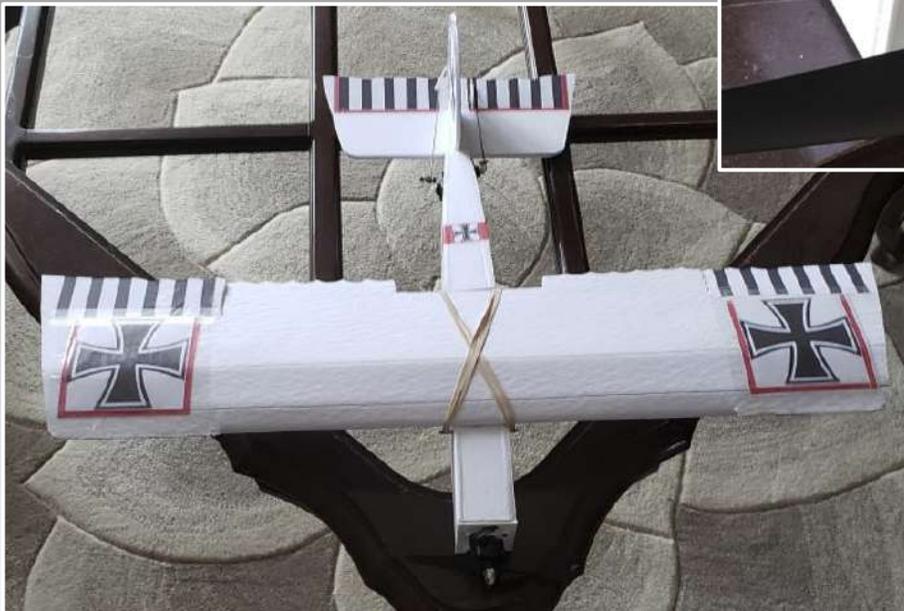
Bruce Mailman's (Das) Little Stick Parkflyer

I typically work from home so I'm used to being at home, but being stuck at home more than normal is certainly a drag. I'm sure this lock down will eventually be lifted and we can fly again. But in the meantime I've started building some new foam board planes.

My first one is a rendition of the classic ugly stick called the (Das) Little Stick Parkflyer from the Flitetest site. Should be fun to fly.

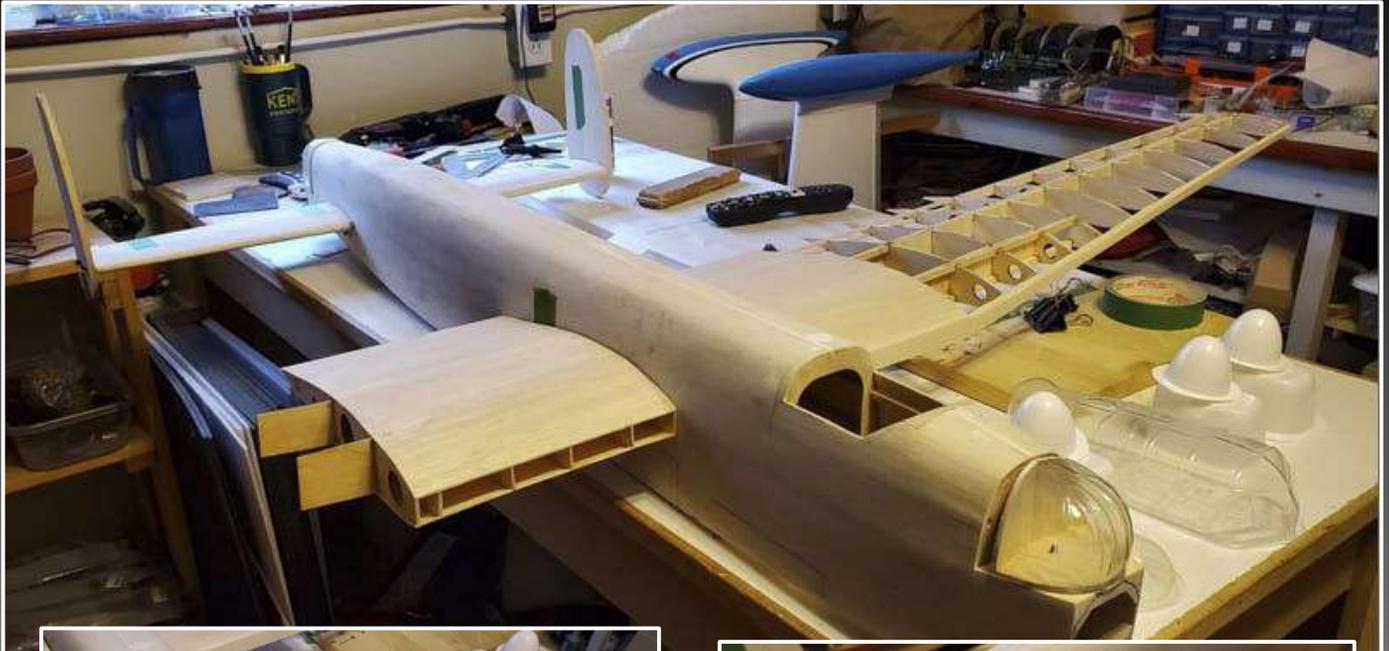
I haven't decided if I need wheels yet. I probably don't. AUW is 350g. It was under 250g, but I had to add a battery.

3D printed the firewall, motor mount, and tail skid. I could have done it with plywood, but I got one for Christmas and I'm having fun making stuff.



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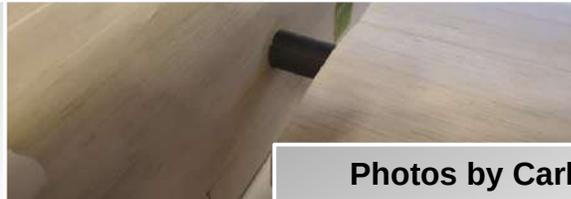
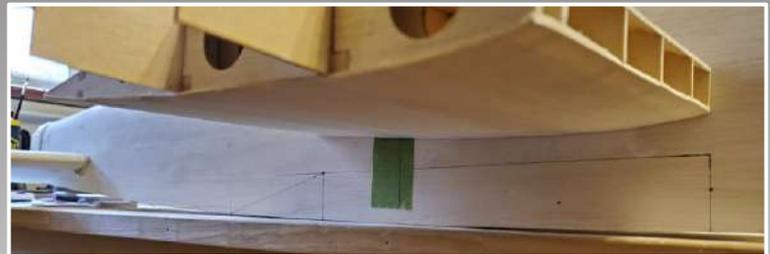
Carl Layden's Lancaster



Here's some pics of my isolation build. It's a Tony Nijhuis lancaster, 72" span. I've made a few changes...it'll be a dambuster variety, plug in wings, stabs and removable rudders. The nose and tail turrets will move too.

Power will be 4 2826 brushless with 25A ESC. I haven't settled on retracts yet. It's not a beginner build, if you've built 2 or three kits beyond trainers you can handle it. There's lots of help online too. Tony himself always seems willing to help too.

This one won't be a scale masterpiece it's intended to be a daily flyer. For anyone keeping count this is my third Lancaster 😊 the other two are free flight rubber.



Photos by Carl Layden

ZONE B NEWSLETTER

Mike Whitelaw's 3-D printed spitfire pilot



Spitfire pilot completed. First photo is of the pilot right off the printer, with no cleanup. Others are pilot sanded slightly, painted and weathered. Ready to install in a Top Flite Giant scale Spitfire.

Photos by Mike Whitelaw

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Another Mike Whitelaw 3-D printed pilot

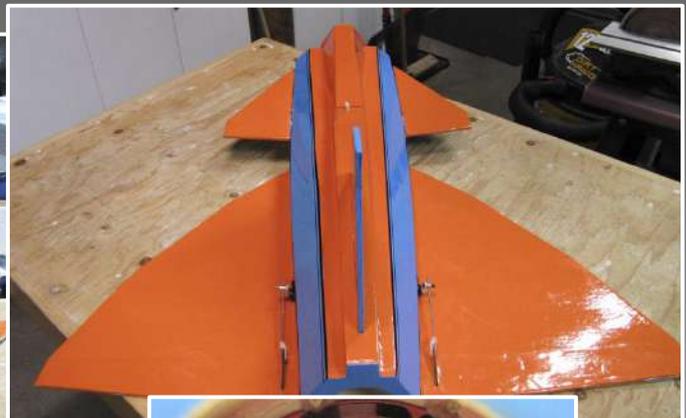
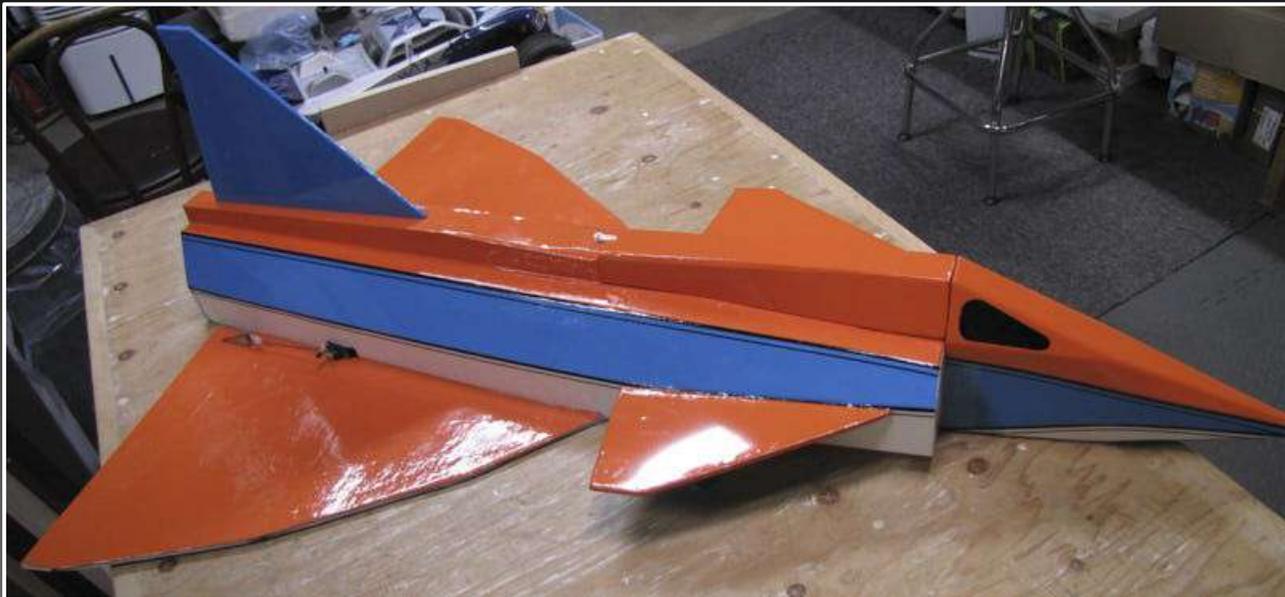


I printed this pilot on my Creality Ender 3, 3D printer, then painted and weathered it. Came out pretty good I think.

Photos by Mike Whitelaw

ZONE B NEWSLETTER

Bill Foster's second Viggen build



Got my latest Viggen completed; it just needs the receiver now, followed by a release by the Premier..! Power is 70mm JP Aluminum 12 blade fan rated for 4S to 6S packs (I'll use 5S 2200mah), ESC is 80amp Pulse from HK.



Photos by Bill Foster

ZONE B NEWSLETTER

Isolation has its good points

John O'Sullivan reports: Isolation has allowed me to do a few things I have been procrastinating on.

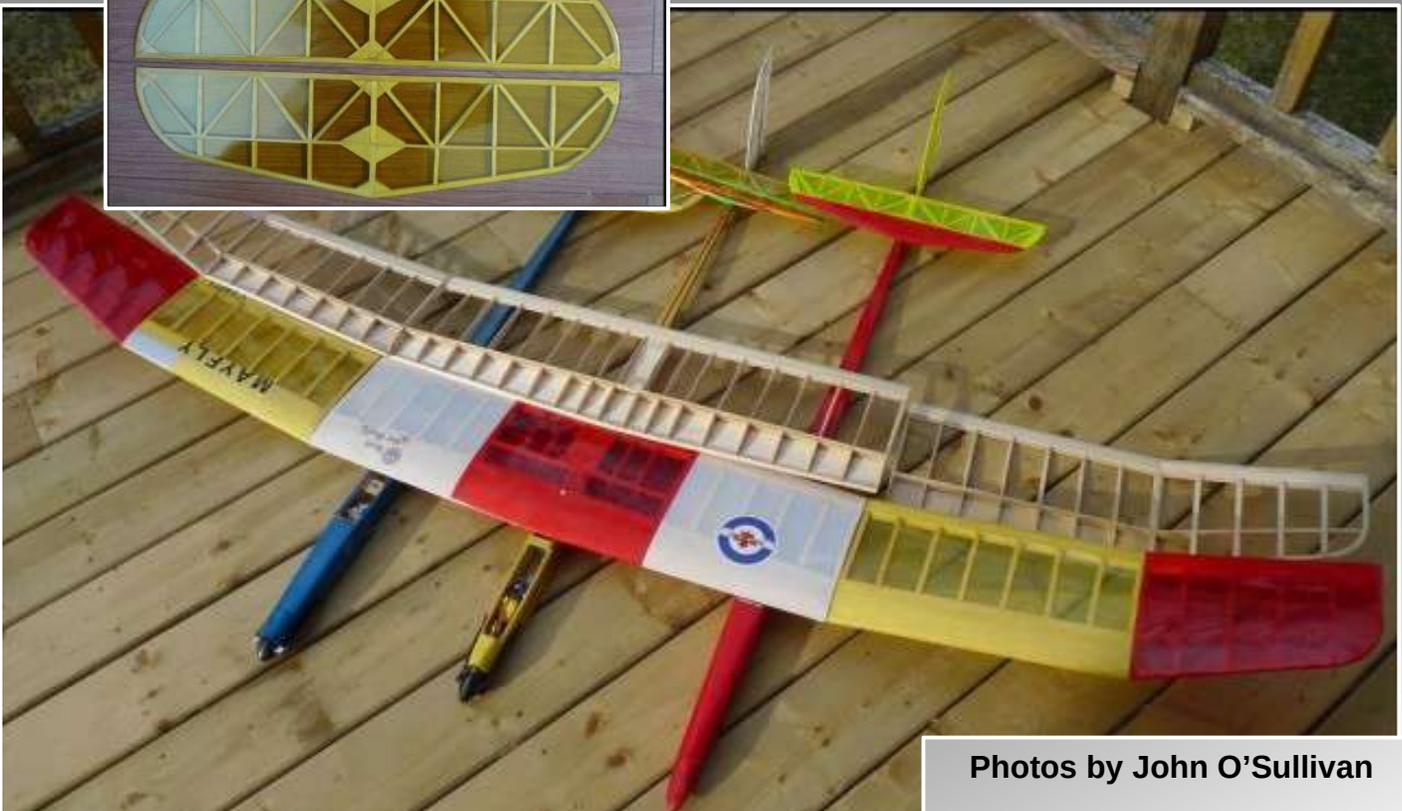
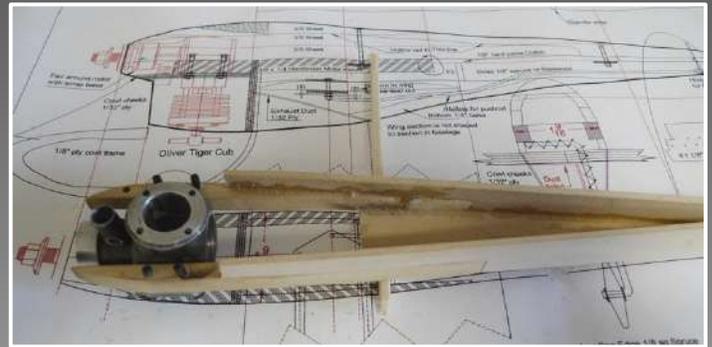
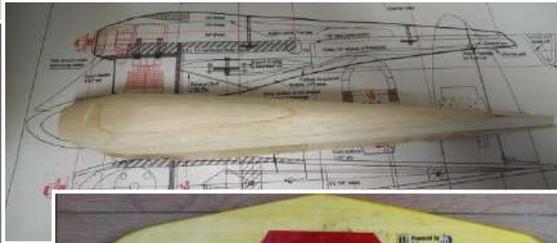
1. Finishing up Cad drawings for the new version of my already kitted Blizzard Free flight model.

[https://hummingbirdmodelproducts.com/e3 ... uZKtIH2mbU](https://hummingbirdmodelproducts.com/e3...uZKtIH2mbU)

2 . 3D printing of motor mount, tail mount and spinner for my new Mayfly 2m electric sailplane.

3. Building two tailplanes and new fuselage for the new Mayfly and completing the wing which I started 3 years ago.

4. Started building a replica of my 1964 Control Line Team Racer, the Claim Jumper and refurbishing the original Oliver Tiger motor for it.



Photos by John O'Sullivan

ZONE B NEWSLETTER

Let's take a peek back twenty years ago to summer 2000



Stay the blazes home has me browsing my photo archives to satisfy my Facebook friends and I found these.



Photos by Al Eastman

ZONE B NEWSLETTER

Let's take a peek back twenty years ago to summer 2000



Most of these flyers are still in the hobby. A few are no longer with us.



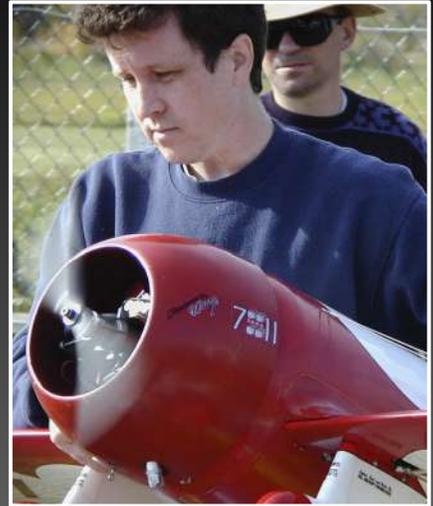
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Let's take a peek back twenty years ago to summer 2000



Anyone wishing to download any of these photos can do so here:
http://www.asrcm.ns.ca/flying_2000.html

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Owner is Geoff
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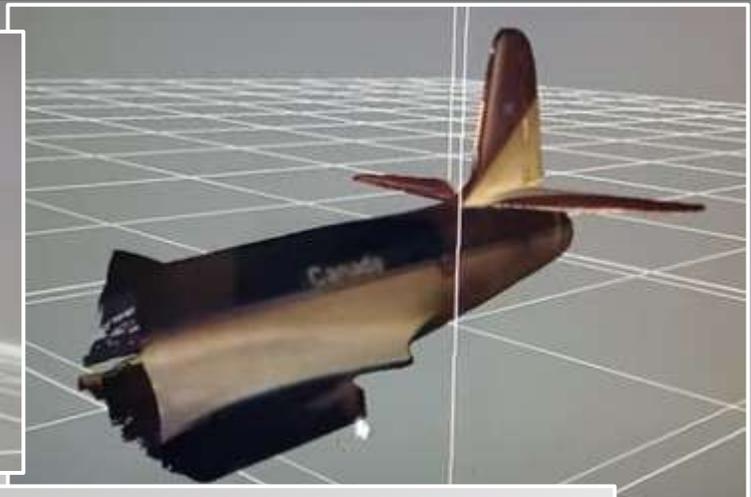
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Some bits and bytes from the Zone



https://www.youtube.com/watch?time_continue=3&v=4AhJ3A0fV4s&feature=emb_logo

A fascinating project from Paul Sinnis: Started trying some 3D scanning at home using an Xbox Kinect Sensor and Skanect software. Results are pretty good. Had to scan in smaller sections due to the huge file size of the point cloud.

I wanted to have a 3D model of my T-33 in the event I need to rebuild some parts. With a decent 3D model, I am hoping to be able to 3D print molds I could then use to make replacement fiberglass parts.

ZONE B NEWSLETTER

FROM YOUR ZONE DIRECTOR

Hi all,

Here we go again, another month and most of you guys are still in the lock-down mode, at least in N.B. we are getting some relief, but it is just a trial, if we FU and it's gone too, so keep monitoring your Provincial Government and you will be ok. So, it looks like most of the flying this season will be touch and go, pardon my pun. I had a look at some interesting airfoils for some simple wing designs or what ever you decide, even Flite-Test has a video about them, so have a look and have fun.:

<http://theparkpilot.org/kline-fogleman-airfoil-design>

Google Kline-Fogleman for lots of more information.

I had a lot of questions regarding MAAC's reaction to this Covid 19, and all I can say is that you are insured, nothing has changed, as long as you follow MAAC Safety rules and regulations. If you think you are justified and regard it as essential driving going to the flying field or slope, I will guess you are on your own unless the Federal or Provincial Government allows you too.

Stay safe guys and girls and we will get through this together.

Cato.



A t-shirt worn during
Margaree 2000

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