



1914

Competition  
on Flight  
Models –  
Germany



<https://www.facebook.com/100066544093767/videos/294670249517704>

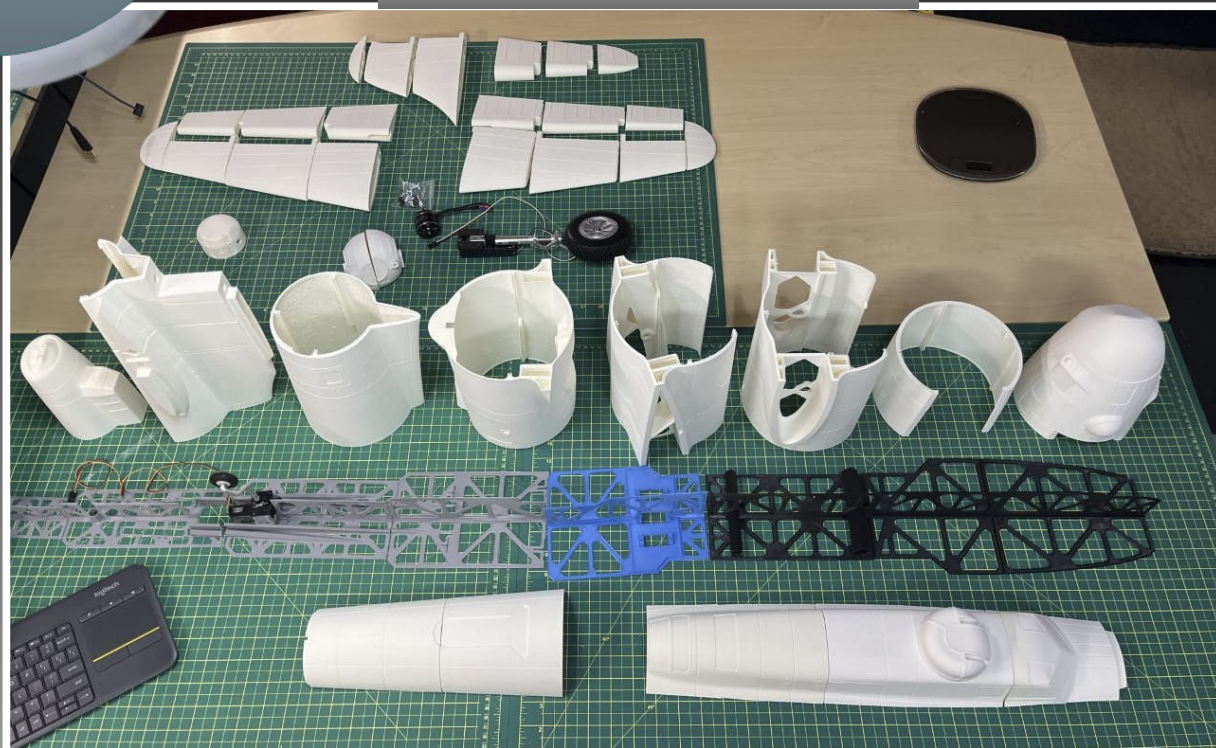


# MAAC'S ZONE B NEWSLETTER

Issue no. 129

Takeoff is optional  
But landing is mandatory

March 2023



Jason Stewart's 3-d printed  
Memphis Belle



Dave Gamblin's  
Comanche



Dave  
Gamblin's  
Berkeley L-19  
Bird Dog

Some neat builds  
underway in the zone



## ZONE B NEWSLETTER

### Dave Gamblin's Berkeley L-19 Bird Dog

Something that may be of interest ..

When I was about 9 years old, my first "Gas" model was a Berkeley L-19 Bird Dog.

My bucket list had this .. always dreamed of flying it Radio Controlled.. . but was never to be. I acquired the kit from a collector over 30 years ago, and 2 yrs. ago, duplicated the kit to preserve the original, and realized the dream, flying it with full 4 channel radio and electric power.

This version is finished in silkspan and dope... guided by my trusty Ace MicroPro 8000 Single Stick Radio.



Photos by Dave Gamblin

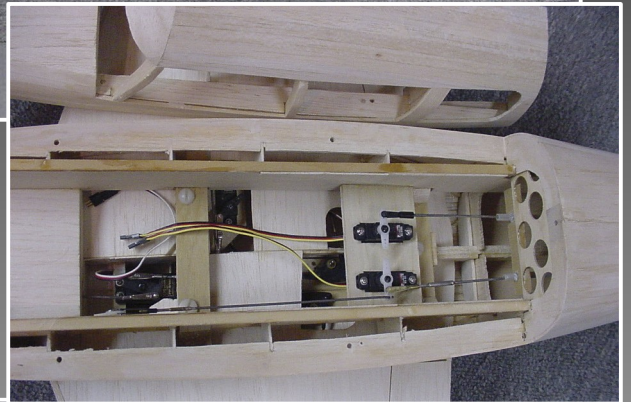
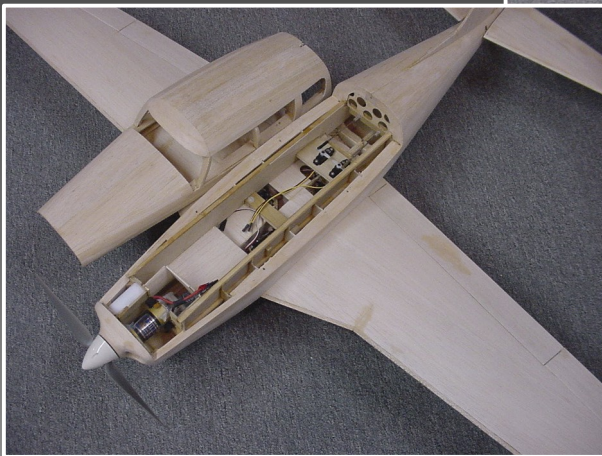


## ZONE B NEWSLETTER

### Dave Gamblin's E-powered Comanche

Scratched, 110% up from Berkeley plans.

I started an electric Comanche in 1999. It has been in its bones since 2001. Finally covered it this winter, upgraded to LIPO and a Power 32 Outrunner.. Functioning flaps and retracts...



Photos by Dave Gamblin



## ZONE B NEWSLETTER

### Rick Grant's F6F Hellcat repair

Rick Grant shares some photos of his F6F Hellcat repair job. Last May, the model's cowl came off in flight and took out the engine. Rebuilt the model changing it's colour scheme and markings from American Navy blue to British D-day. Have a new Canopy on order with Great Hobbies



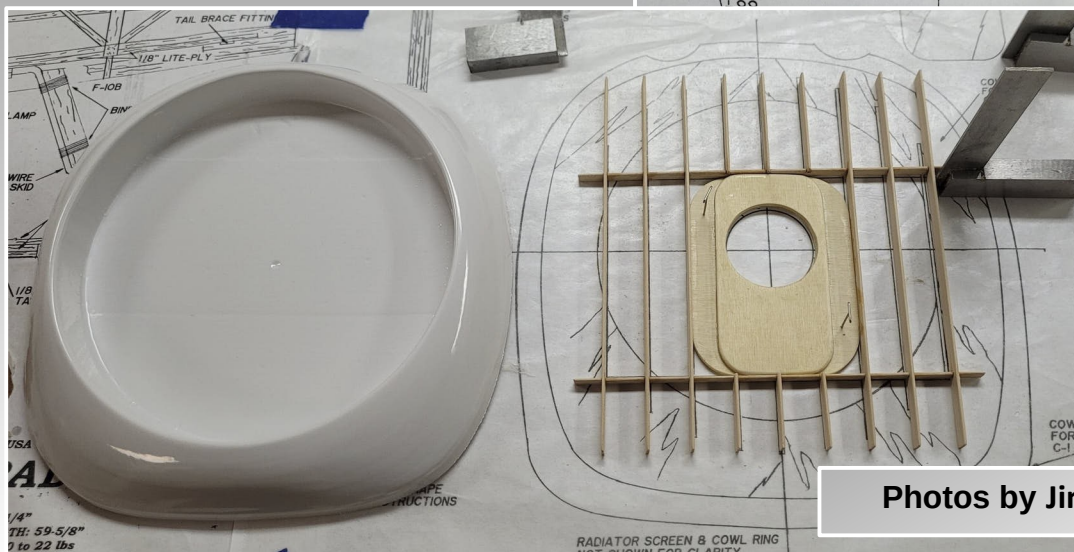
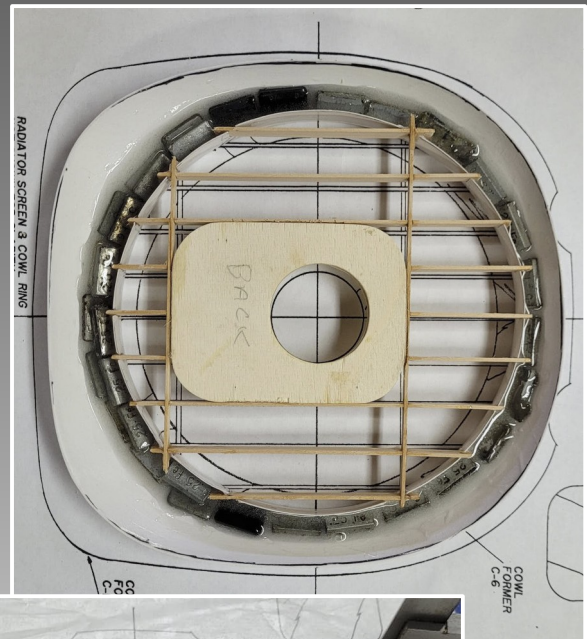
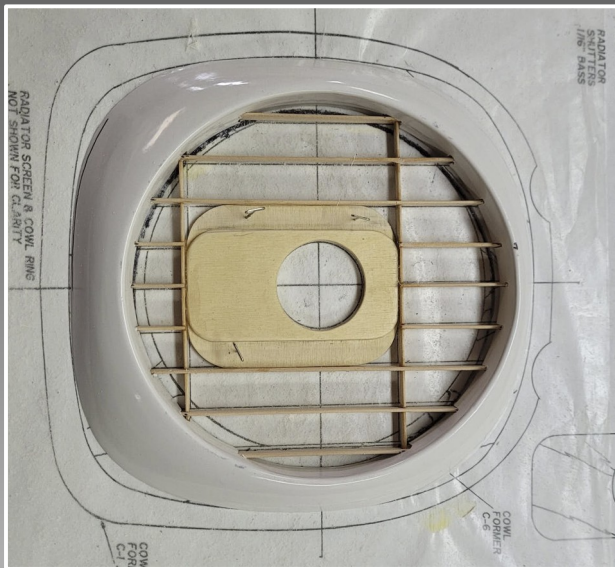
Photos by Rick Grant



## ZONE B NEWSLETTER

### Jim Gavel's SPAD built continues

I last left off with construction of the aft turtledeck finished and start of the cowl installation. The cowl is an interesting build of ABS plastic and balsa rings. The attachment to the fuselage is via 2 bolts that are only accessible from the inside of the cowling. This makes for a very clean cowling with no external screws or other attachment fixtures present. The bottom chin cowl has to be removed to access these bolts, which is not difficult, and then the cowl can be removed for access to the engine for maintenance or removal. The cowl also incorporates the radiator louvers and protective screening. This was a tricky part of the build requiring a good eye and steady hand .... something I noticed I'm lacking in! I'm not particularly fond of working with ABS plastic components, they are very unforgiving of mistakes and are difficult to repair if that happens. Eventually the plastic cowl was trimmed to size, the slots were cut for the radiator louvers, gotta love that dremel tool for this, and then everything was ready for gluing up. Gorilla glue has a gelled CA glue that worked great for this operation, it does not flow or puddle but stills sets up in about 15 secs ..... Perfect! At this point I'm ready to attach the balsa cowl rings to the plastic cowl and then line up and attach to the fuselage.



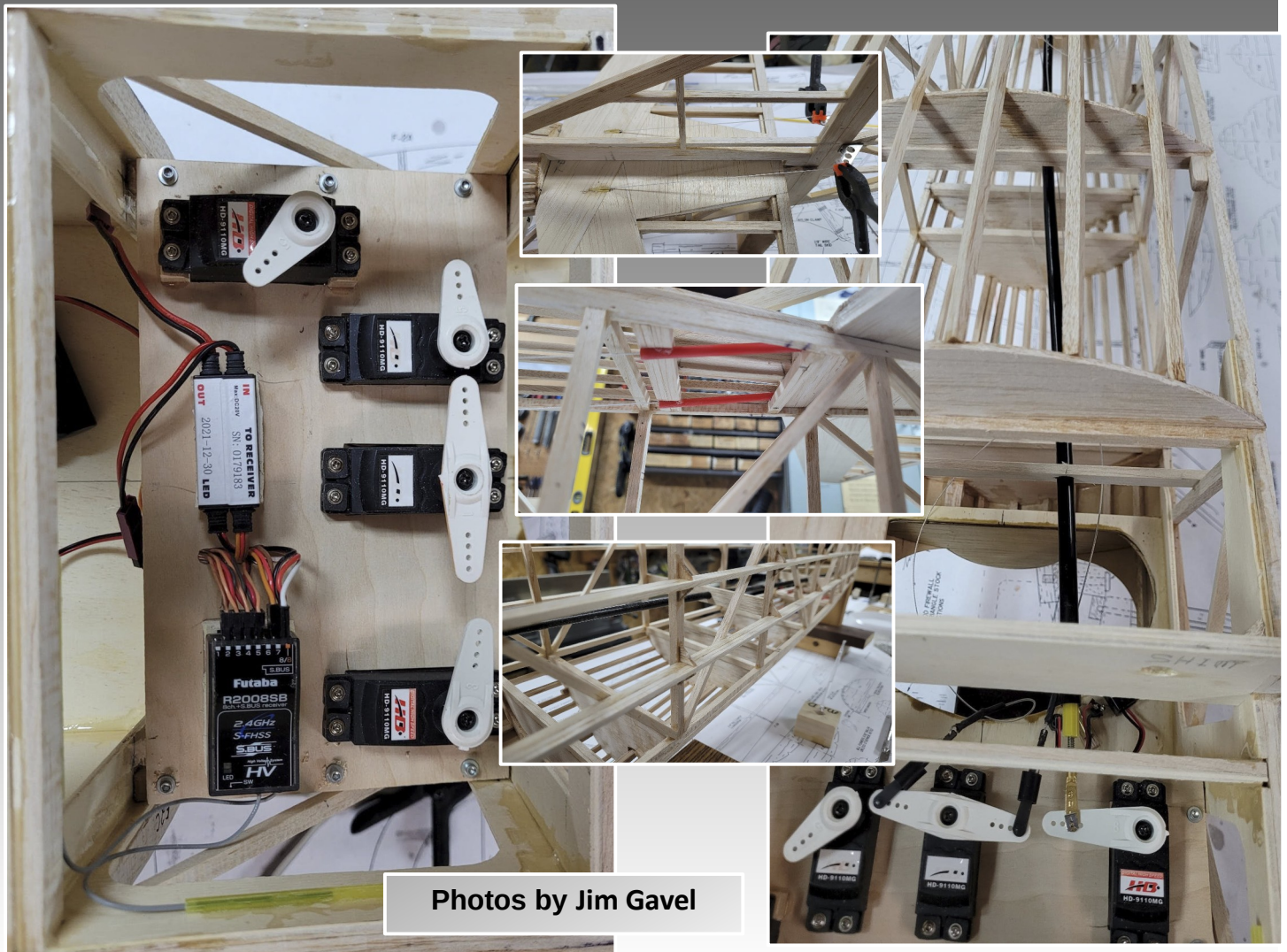
Photos by Jim Gavel



## ZONE B NEWSLETTER

### Jim Gavel's SPAD build continues

Before I get to much further into the build I have to give consideration to the layout of the radio gear. The radio gear should be easily accessible and neatly installed to avoid broken or pinched wires. Also. Allowance for routing of control wires and pushrods has to be considered. With a fairly large fuselage opening where the bottom wing attaches to the fuselage, I elected to make a plywood mounting plate with all the required servos, receiver and optical engine shut-off electronics attached to it. This mounting plate is attached by screws to hardwood rails that are firmly attached to the fuselage. With this setup I can easily remove all the electronics and also provide access to the fuel tank and batteries in the nose area. I used 4 servos on this plate, one for the pull-pull rudder system, one for the push-pull elevator system and one each for the engine throttle and engine choke. As previously mentioned, the elevator servos are installed in the top wing. Part of this installation included laying out the control pushrods and control wires so as not to conflict with the structure and still allow ease of operation. As this was a deviation from the plans I was on my own with this modification. The full scale Spad has the rudder control wire exiting through the top of the stabilizer and attached to the rudder above the stabilizer. With careful measuring and laying out string for clearance issues, the control wires and pushrod were finally installed.



Photos by Jim Gavel



## ZONE B NEWSLETTER

### AVIATES RC CLUB Foamboard F-117



Photos by Gilles Daigle



## ZONE B NEWSLETTER

### AVIATES RC CLUB Indoor feb. 12th

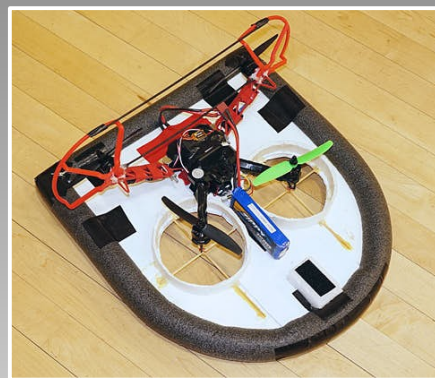
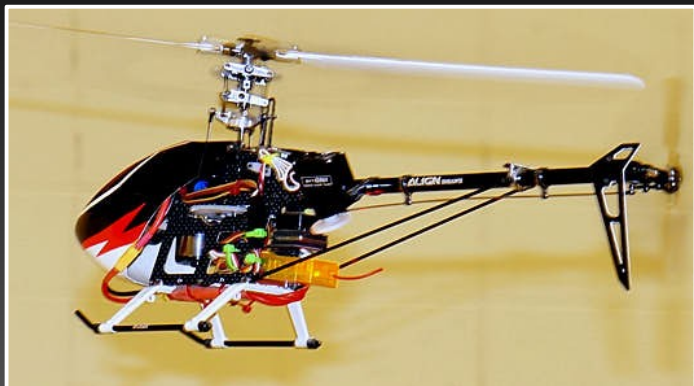


Photo by Gilles Daigle



## ZONE B NEWSLETTER

### Yarmouth "South West Flyers indoor Feb 18th

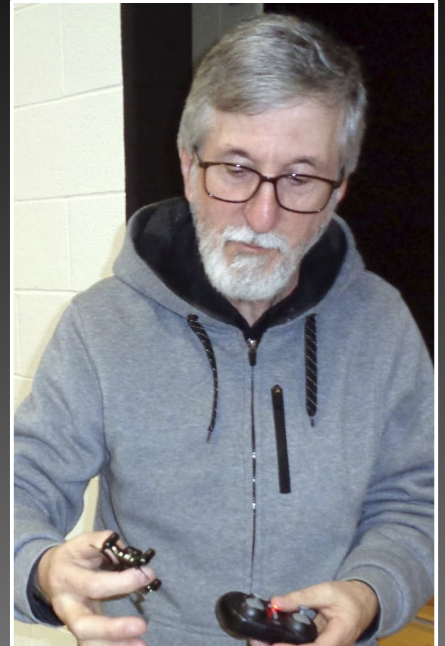


Photo by Terry Bullerwell



## ZONE B NEWSLETTER

### Yarmouth "South West Flyers C-130 refurb



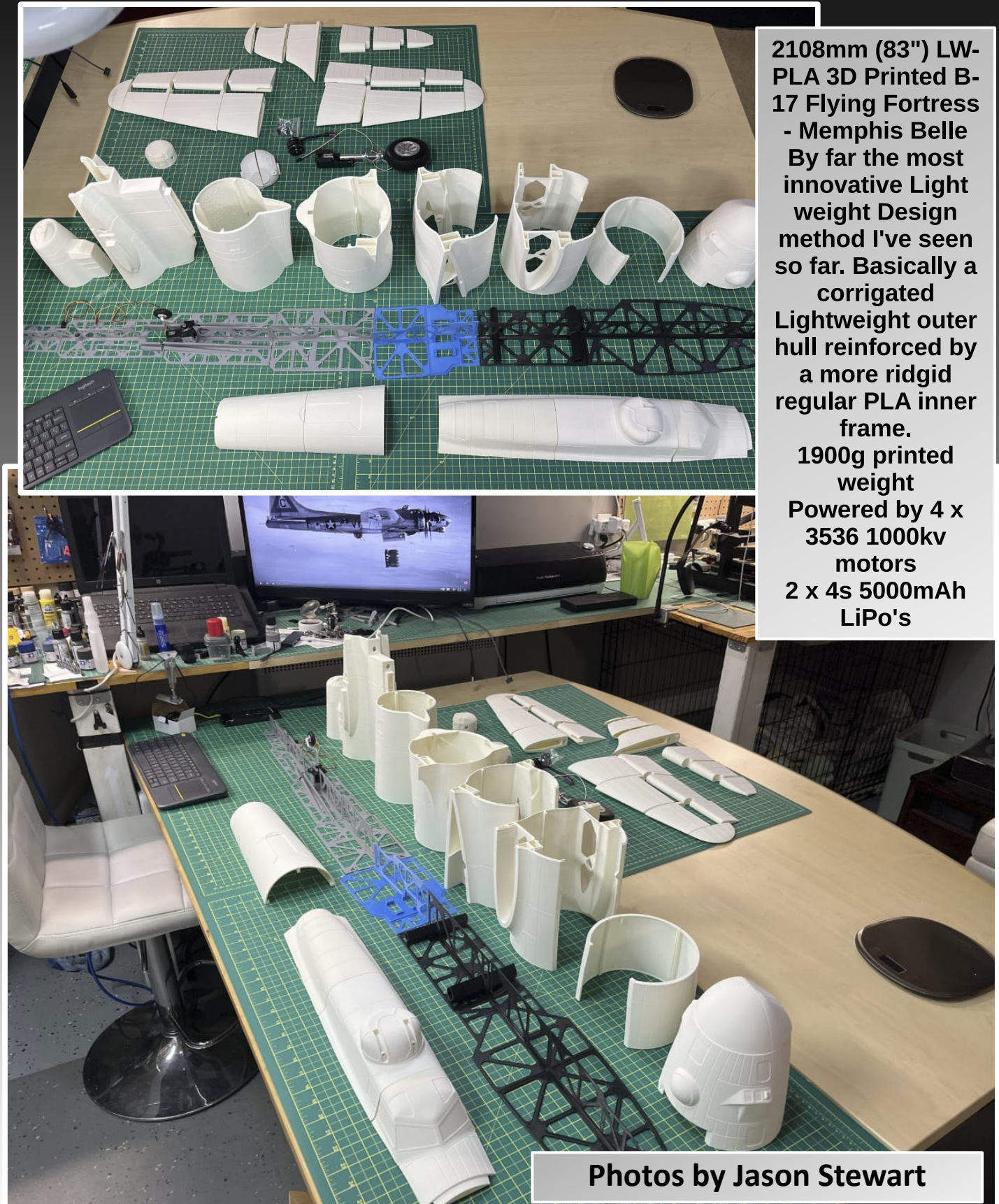
Photos by Rick Leblanc



## ZONE B NEWSLETTER

### 3D Printed B-17 Flying Fortress - Memphis Belle

2108mm (83") LW-PLA 3D Printed B-17 Flying Fortress - Memphis Belle  
By far the most innovative Light weight Design method I've seen so far. Basically a corrugated Lightweight outer hull reinforced by a more ridgid regular PLA inner frame.  
1900g printed weight  
Powered by 4 x 3536 1000kv motors  
2 x 4s 5000mAh LiPo's



Photos by Jason Stewart



## ZONE B NEWSLETTER

### Some bits and bytes from the Zone



Finn's interest in helicopters sparked yesterday during the indoor event... I stopped counting after we killed the 10th battery at home. The OMP M1 is perfect for learning at home. I've got the head speed turned way down, the pitch curve super flat, and the FBL unit in stabilization mode. He can now almost hover it on his own. This is a great model for anyone to learn successfully with! Also, it'll lift a hot wheels car.

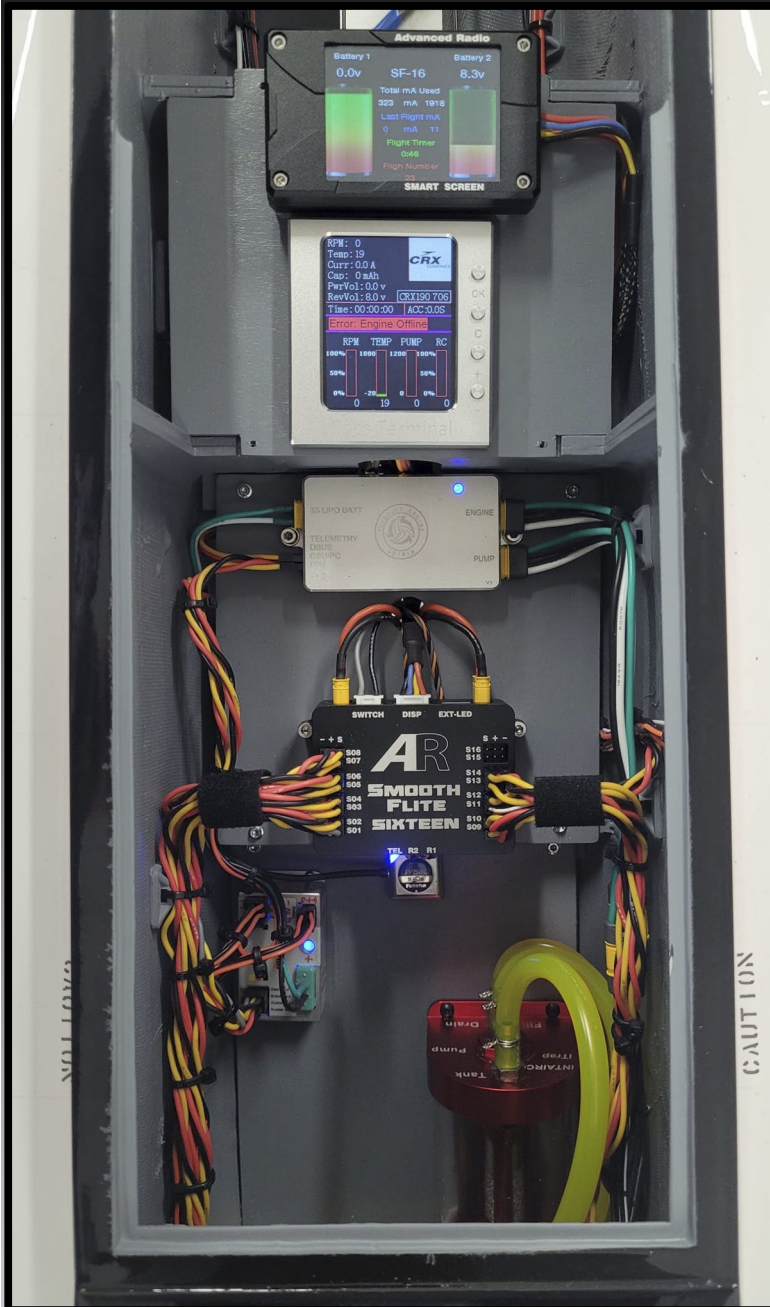


Photos by Colin Bell



# ZONE B NEWSLETTER

## Some bits and bytes from the Zone



From Colin Bell: Front end wiring complete on the F-18. I wasn't able to hide it under the mounting trays, and as much as I hate looking at it... at least it's tidy and at right angles.





### VALLEY GATHERING 2023

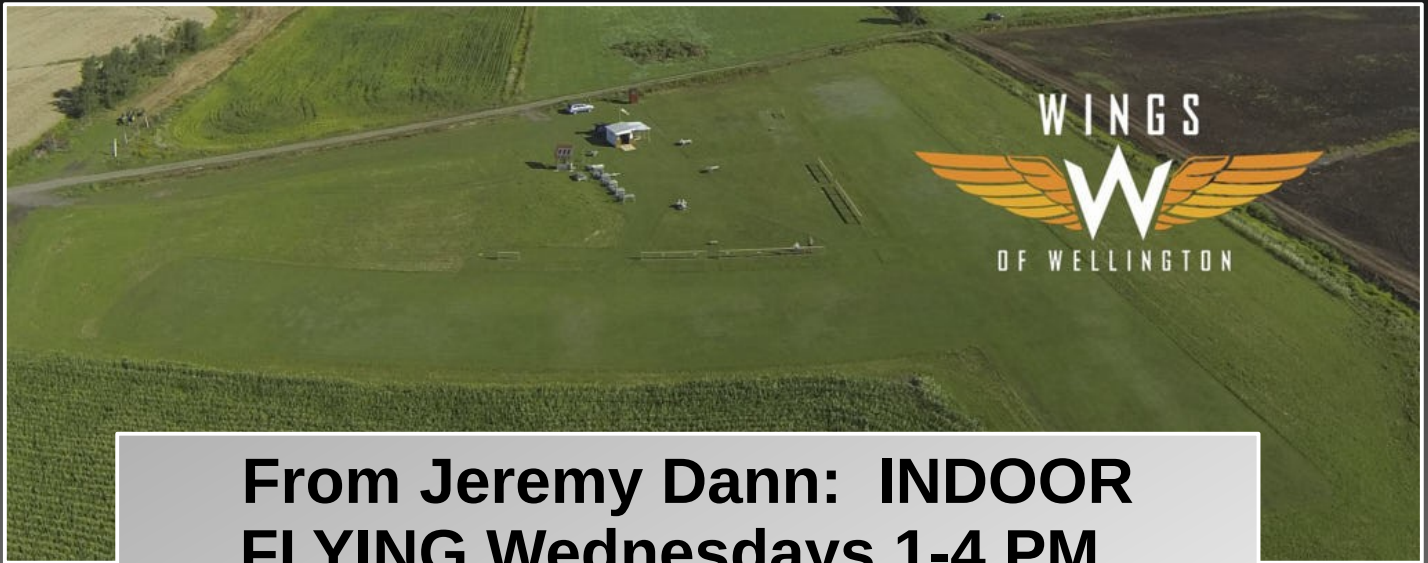
We have the Rec complex for April Fools Day (Saturday April 1) for a 5 hour block from 10am to 3pm. the plan is the same as our last gathering. \$10 for flying and we have the boardroom for lunch and we'll bring in pizza and pop - if you would like to join us for lunch it will be \$10 to cover the cost.

And, we will be extending the indoor season this year to keep everyone's thumbs in shape for a return to outdoor flying.



## ZONE B NEWSLETTER

### Some bits and bytes from the Zone



**From Jeremy Dann: INDOOR  
FLYING Wednesdays 1-4 PM ,  
Kentville Rec Center - \$10 again  
this year. See-ya**

**The South Shore RC Flying group has listed the following dates for  
indoor flying: Indoor flying . HB Studios**

**February 5th 4 – 5:30 pm**

**February 12th 4 – 5:30 pm**

**February 26th 11 – 12:30 pm**

**March 5th 10 – 11:30 am**

**Shearwater RC Flyers have extended their indoor flying at the  
Shearwater gymnasium. Flying will be SUNDAYS 0900-1200 and  
Kevin McKay tells me he has reserved the gym for the the summer.**



## ZONE B NEWSLETTER

### HOBBY SHOPS IN OUR ZONE.

#### NEW BRUNSWICK

—  
EASTERN  
HELICOPTERS  
100 Bosse Ave,  
Edmundston N.B  
Canada E3V 4A2  
PH: (506)-737-8700  
Fax (506)-737-8701  
Email:  
[Info@VarioCanada.com](mailto:Info@VarioCanada.com)

#### NOVA SCOTIA

Mighty Small Cars  
552 Windmill Road  
Dartmouth, NS  
902 423-9298  
<https://www.facebook.com/Mighty-Small-Cars-Limited-1519260711625776/>

Owner is Geoff  
Davis.

Maritime Hobbies  
and Crafts  
1521 Grafton St.  
Halifax,  
Nova Scotia, B3J  
2B9  
902-423-8870

#### NEWFOUNDLAND AND LABRADOR

Signal Hobbies,  
[www.signalhobbies.com](http://www.signalhobbies.com)

36 Pearson, St.  
John's, NL A1A 3R1  
709-722-7021

#### PRINCE EDWARD ISLAND

**Great  
Hobbies.**  
17 Glen Stewart  
Drive  
Stratford, PE.

Administration  
and store are both  
located at 17 Glen  
Stewart Drive.

<http://www.greathobbies.com>

902-569-3262  
1-800-839-3262

### Some bits and bytes from the Zone



**From David Lancaster of FMAC:**  
**Good turnout for Indoor on a cold February morning.**  
**Tough call if there was more time spent flying or talking about MAAC**  
**though...**



# ZONE B NEWSLETTER

FROM YOUR ZONE DIRECTOR

Hi all,

Not much for me to say other than I hope the information that I sent out to you all gave you what you needed. One good idea for your individual club would be to perhaps get together and work through the questions as not everyone is good at using all this new technology, and we still have some members that do not have their email addresses listed with MAAC, and therefore don't get the information that MAAC and I send out, so please reach out and help as much as you can.

The good news is that we are still talking to TC and NavC and hopefully we will have something better than what Part IX want us to do, so sit tight and if you feel like being a "quarter-back" sitting in your chair and bark, go for it, I have lots of patience and will try my best to accommodate everyone.

You all take care, and we will see you around.

Cato.



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