

# MAAC'S ZONE B NEWSLETTER.

Take off is optional but landing is mandatory.

ISSUE NO.3.

JANUARY 2012.

## LEAD STORY HEADLINE

### Happy New Year and all the best to you all, and it looks like we are going to have a great year in 2012.

We already have 5 Sanction Events, and one Planned, for the Zone, and that is the main reason for the birth of the Zone news Letter. I'll try to keep all events up to date every month, so if you are planning to hold one, get them registered with Regis to have them Sanction, and I'll list them here. Hopefully we can improve on the attendance at the events this year, as you now will have two places to be reminded of them.

Looks like we already are going to have two Swap Shops this spring, one in Moncton this January 28, and another one at Wings of Wellington on April 14, so get involved and have a great time buying and selling some of your old and new treasures. Great place for new and old members to get a great deal, see you there.

This version of the News Letter is having some more drawings and references to some great sites, some people out there is putting a lot of time into their hobby, and there is no better way to keep our modeling history alive.

I'll include some tips again, and if there is something you like to see in here, please let me know. If you don't like to have your name as credit, that is ok with me, the important thing is to share what ever you have.

This month we are lucky to have a "made at home" drawing from Paul Phillips of Saint John Model Flying Club. Paul did it up especially for this News Letter, and it is in a PDF format with a full write up and pictures, just in time for the indoor fun-fly that Moncton and Wings of Wellington are having. One drawing is tiled, so it should print out ok on any printer, the other one is full size, copy to disk and have it printed at the copy shop.

### Why not have a go at it.

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### NEW TOOL FOR THE ZONE.

- A PLACE TO LET US ALL GET TO KNOW EACH OTHER.
- A PLACE TO SHARE YOUR POINTS.
- TIPS.
- ARTICLES.
- PLANS.
- EVENTS
- WHAT-EVER



## ZONE B NEWSLETTER

### SANCTION AND PLANNED EVENTS.

#### January 28, 2012. *Sanction Event.*

The Greater Moncton Aeromodelers club is pleased to announce their 2012 mega indoor fun fly and swap shop event at the Moncton Coliseum. This is a huge 50,000 sq. ft. venue with two cavernous halls (one for planes, one for helicopters) that will safely accommodate many small indoor aircraft. We hope to repeat last year's very successful event! We will have two large exhibit halls - 50,000 sq. feet of flying space!! Swap shop tables to trade and sell R/C gear - included in your entrance fee. Indoor electric aircraft (foamies and smaller) will be flown in one hall, 450-size electric helicopters and smaller in the other. There may be an onsite food vendor as last year. There is also a Tim Hortons just down the street and many restaurants nearby. You are welcome to bring your own food if you like. We will provide a limited number of tables for the swap shop and pits, but it would be prudent to bring your own chairs and tables as well to ensure you are comfortable throughout the day. This is one event you won't want to miss! It's sure to be a great time!! In the event of severe winter weather preventing travel in the greater Moncton area, the event will be cancelled and cannot be rescheduled. Otherwise, the event will proceed. The cost is \$20 for participants (pilots, buyers and sellers at swap shop), but spectators are free. Your admission helps us cover part of the rental cost for the facility.

<http://gmac.rcmoncton.org/>

#### February 18 or 19.

#### Planned Event.

#### Helis on Ice 2.

February 18th or 19th weekend (weather dependent – Location – Killdog Cove, Sherbrooke Lake, Parkdale, Lunenburg Co. We are going to hit the air again this year in February. Come freeze your fingers, warm by the fire, and enjoy some hot food. This is a helicopter Fun-Fly for those who are determined enough to do some rotary wing flying in the Canadian dead of winter.

<mailto:dann@xcountry.tv>> [dann@xcountry.tv](mailto:dann@xcountry.tv) for information)

#### April 14, 2012. *Sanction Event.*

The Valley Gathering.

The Wings of Wellington is very pleased to once again be hosting the Valley Gathering. The event will include a swap shop, education sessions, and day of indoor flying. Speakers on a variety of RC related topics will give interested attendees a chance to mix some flying and learning on the same day. Also – as a second record attempt, let's see if we can get more 2.4 GHZ aircraft in the air at one time then those folks in Moncton. :) This Years Gathering is dedicated to Duncan Burton who we lost this past flying season. - Flying Hours: 9:30 AM to 4 PM. - Swap Shop Hours: 9:30 AM - 4 PM The Facility -The Kentville Sports center (indoor Soccer Arena) is the ideal spot to spread your electric wings, sit back and watch, or drop into a classroom to expand your RC horizons. - Swap shop tables to trade and sell R/C gear are included in your entrance fee ( bring your own table please!). - Open to all MAAC members. - Special events – Obstacle courses and land aboard the Aircraft Carrier HMCS Bonaventure! - What can be flown: Indoor electric aircrafts (foamies and smaller), 450-size electric helicopters and smaller. - Winter Weather: We are hoping to be well past winter weather by April 9th. Check the website below if in doubt. - \$20 dollars gets you in to all activities on site. - There is a canteen on site where food can be purchased. \*\*\* Notice to all flyers – bring a pair of indoor shoes – outdoor footwear cannot be worn on the field! \*\*\* Join us in welcoming spring and saying goodbye to a long winter at the Valley Gathering in Kentville, Nova Scotia.

<http://wingsofwellington.org/news.htm>

#### June 2, 2012. *Sanction Event.*

FMAC Annual Mactaquac Float Fly  
The Fredericton Model Aircraft Club will be holding its Annual Mactaquac Float Fly at Campers Beach on Saturday 2 June 2012 from 9:00 am to 4:00 pm. There is a \$5.00 registration fee (includes a burger & drink). A MAAC or AMA Membership is required. Contact John Gillanders at: 506 457-4492, e-mail [jgil-lan628@bellaliant.net](mailto:jgil-lan628@bellaliant.net) or for directions check our FMAC web site at: [www.frederictonmodelaircraftclub.com](http://www.frederictonmodelaircraftclub.com)

## ZONE B NEWSLETTER

### SANCTION AND PLANNED EVENTS.

#### August 18, 2012. Sanction Event.

Helis East

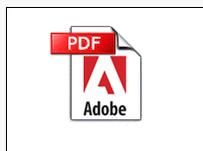
Helis East is a Wings of Wellington RC Helicopter Event August 18 (rain date August 19) 20 dollar fee for registration covers Food and Prizes! The Helis East Wings of Wellington fun-fly is our second annual specialized event for Helicopter flyers in the Maritimes. Two runways will provide space for perfecting hovering and slow and low manoeuvring while providing separate airspace for fast moving machines. Fingers are crossed for great weather - no T-cell this year! :). We hope to have lots of great prizes on hand. <http://wingsofwellington.org/news.htm>

#### October 6, 2012. Sanction Event.

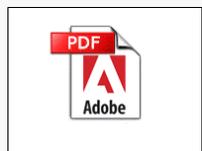
##### **Oktoberfest fun fly.**

Once again The Wings of Wellington RC Club is Proud to announce that we will be holding our annual Oktoberfest fall fun fly. Come out for a Day of Fun, great Food, Flying and fellowship. This is considered to be one of the last Fun Fly's of the season. So come on out and enjoy a great time. event Date is October 6th at 10.00am and the rain date is October 7th. MAAC membership card will be requested At registration. If you have any questions do not hesitate to contact me. And please Check for updates on our website. We hope to see you there. Mark your Calendars! More Details to follow!. <http://wingsofwellington.org/news.htm>

### PAUL'S FOAM FLYER "DABONGO 2".



**DaBongo 2 Full Size.**



**DaBongo 2 Tiled.**

The DaBongo Foam plane is a simple four channel that is built out of Dollar Store (or the Dollarama store) foam board. Two boards are all that is required to build the plane and three boards will build two planes.

The plane has a wingspan of 26 inches versus the more common 30 inch span that is discussed in the "Blue Foamie" thread on [WWW.RCCanada.ca](http://WWW.RCCanada.ca). The reason for going to 26 inch was that it presents better in a normal size high school gym. The flying space looks bigger with the small reduction in wingspan and the plane does fly slower than a 30 inch model.

#### Items Required for Build

- 2 sheet of foam board 20" by 30"
- Roll of Blenderm tape (3M) or equivalent (hinge tape)
- 2 strip carbon fiber 1x3mm 30"long
- 1 strip .5x3mm carbon fiber 30"long
- 1 length of 1.5 to 2mm dia carbon fiber rod 30" long
- Some 1/16 and 1/32" plywood for engine mounts and control horns
- T Pins or 1/32 music wire
- Cotton thread
- Some small dia heat shrink
- 1" light weight wheel (2)
- Glue, knife, straight edge and other building tools.
- Windex (To remove the paper backing from the foam board)
- 3 micro servo's with double sided arms
- 2204 14 turn motor or equivalent (capable of turning a 7 or 8" prop) and ESC unit to match.
- Micro receiver
- 350 to 500mah battery

## ZONE B NEWSLETTER

### PAUL'S FOAM FLYER "DABONGO 2"

Building is very straight forward:

I usually use a combination of hot glue to tack things in place and a polyurethane glue for permanent glue-up. The highlights of the build are:

Spray the boards with Windex to help remove the paper covering

Cut out the parts including the locating tabs on the fuselage. These help keep things straight when building.

Glue in the wing rear fuselage section and the tail plane together.

Glue the Carbon Fibre strips in place as per the plans  
Hinge the ailerons and elevator in place.

Trial fit the elevator and aileron servos.

Fit the bottom of the fuse in place and glue then glue on an anti torsion strip along the body as per the plans.

Glue the elevator and aileron servos in place and then glue the top half of the fuselage in place.

Hinge the rudder using hinge tape.

Push the control horns in place and glue up.

Set up the controls on the elevator and rudder using cotton thread and a pull-pull system. The ailerons use a conventional pushrod and Z bends.

Install motor

Install the radio, ESC and Battery using Velcro tape.

The plane builds to approximately 150 grams all up weight.

Flying the plane:

I set the plane up for the maximum throws that radio will permit; ie 45 degrees on all surfaces for high rates and about 30 degrees on aileron and elevator for low rates. Expo is 60% on high and 40% on low rate.

The rudder is very strong and does not seem to have any roll coupling.



# ZONE B NEWSLETTER

## LITTLE BIT OF EVERYTHING.



**REMEMBER THE MODEL SHOP, YEP, IF YOU DON'T SUPPORT THEM, THEY WILL BE JUST THAT, "REMEMBER".**

### "THROW UP Modified" By SAINT JOHN MODEL FLYING CLUB 2007.

ORIGINAL APPEARED IN "MODEL BUILDER MAGAZINE" MAY 1979.

REDESIGNED BY C. HANSEN.

FUSELAGE: 1/8" x 1/2" Balsa

WING-STAB-FIN: 1/32" Balsa

BALANCE WITH MODELING CLAY TO CENTER OF GRAVITY 7/8" +/- FROM L/E.

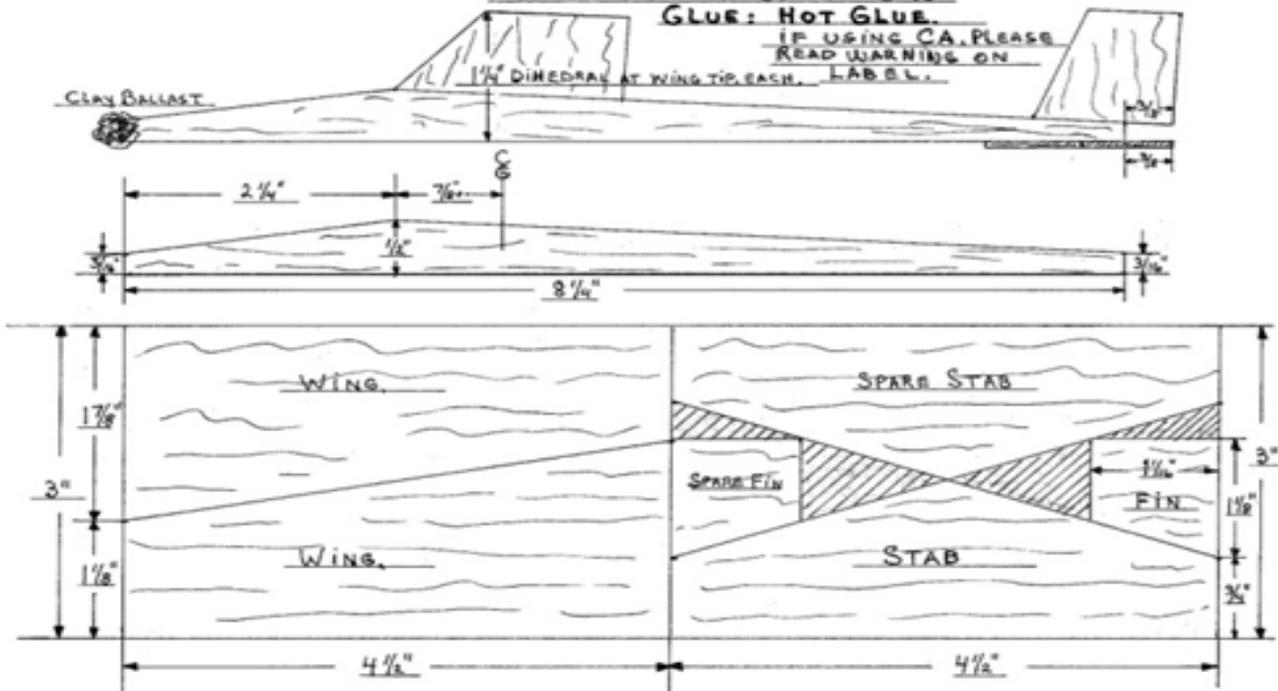
LET FIN AND STAB OVERHANG 1/2"

GLUE: HOT GLUE.

IF USING CA, PLEASE

READ WARNING ON

LABEL.



Here is a little glider that we build one year with inspiration from Jim Lloyd, when we had our Mall Show, we must have build at least 150 of them, they where flying all over the Mall. The parents just could not believe that we were giving them out free, plus the kids got to colour them with their favoured colour. A great idea for your next Mall Show.

Just use hot glue, no CA, to many kids with breathing problems out there to day. Have fun.

## ZONE B NEWSLETTER

### HOBBY SHOPS IN OUR ZONE.

#### NEW BRUNSWICK

##### Pro Line Hobbies

[www.bestrc.com](http://www.bestrc.com)

chris@prolinehobbies.com

506-696-1881

Just e-mail or call Chris.

#### NOVA SCOTIA

##### Maritime Hobbies and Craft

[www.maritimehobbies.com](http://www.maritimehobbies.com)

1521 Grafton St. Halifax,  
Nova Scotia, B3J 2B9  
902-423-8870

##### R/C Wings & Wheels

[www.rcwings.com](http://www.rcwings.com)

490 Rte. 325  
Blockhouse, Nova Scotia  
902-624-9519

#### 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.

[www.greathobbies.com](http://www.greathobbies.com)

Stratford, Prince Edward  
Island.

902-569-5373.

1-800-839-3262.

### LITTLE BIT OF EVERYTHING.

#### Here is some sites for you to check out.

##### Electric foam Plans:

<http://www.rcgroups.com/forums/showthread.php?t=851608>

##### Another Plan Site:

<http://www.rcscratchbuilders.com/plans/rcgroupsplans.html>

##### The RC Groups for Foamies:

<http://www.rcgroups.com/foamies-scratchbuilt-428/>

##### All kind of military art:

<http://www.militarybest.com/index.html>

<http://www.csgnetwork.com/>

<http://www.aircraftnoseart.net/>

As a follow-up to the next page, here is another drawing of the original Zoling 38, plus some more scale Gliders.

<http://www.vintagesailplaner.com/Plans2.html>

Scroll down to Zoling 35/38 and click on page1, then on page2 to download the original drawings. Please read his note regarding the downloads as the drawings is getting old and well copied over time.

#### Here is a few tips:

##### **Setting a Curve by Laminating**

Carefully slice part of the longeron in half lengthwise. Start from the nearest end of the longeron and cut to the point where the curve will end (you'll need a balsa stripper or a steady hand for this). Apply your favourite glue between the laminations, and pin the longeron to the correct shape.



##### **Setting a Curve With Steam**

Gently bend the longeron while holding it over the spout of a steaming kettle, and it will hold the shape once removed. Check the curved piece against the plans and steam again as necessary.



##### **Setting a Curve With Hot Water**

Soak your longerons in hot water for a few hours and then pin them to the correct shape. When dry, they'll be warped to the curve you desire.

## MAAC'S ZONE B NEWSLETTER.

FROM OUR ZONE DIRECTOR.



As this year is coming to close, I would like to wish you all a Happy New Year, and may the new year be the best for you and yours.

Hope to see you around any of the many great events that is and will be in our zone this coming year.

Have a great season and fly safe.

Regis.



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## BACK PAGE STORY.

If you are interested in building a scale glider, here is a great site to get that inspiration that you need to get going. I'll leave you with the site owner's note, so download and get building.

<http://www.iwaru.fi/harakka.html>

Greetings,

Thank you for downloading this plan.

I hope that it will you bring as many delightful flights as prototype did bring to me. This is an extremely nice plane which flies slowly and ... nice.

I have couple requests for you, pls. read these carefully.

1. IF you manage to build something based in these planes pls. send me an photograph of it.

I would love to get photos of models from other builders. I would love also to use those photographs in my website.

2. Pls. do not post these plans to plan portals. You can make LINKS to my website referring these plans, there are also bitmaps of plans included in this archive for displaying plans. This is to make certain that if I

make changes to these plans the corrections will be distributed to everyone interested into plans. Correct link to plan page in my website is

<http://www.iwaru.fi/harakka.html>.

That is permanent link.

3. Note that this plan has been released to free, non-commercial use. It means, no commercial use :).

For details, pls. see bottom of this file or plans.

There is additional modules for this plan like aerodynamic shell in my website, also gallery of actual, 1:1 planes usable as colour models.

Apart from these requests I wish you enjoyable build and all the best luck getting plane airborne.

Looking forward hearing from you,  
Tuomas.Otala@iwaru.fi



### The Beginner.

1) Thou shalt get help if at all possible.

2) Thou shalt fly only a trainer type airplane, preferable a motor glider.

3) Thou shalt fly only when it is calm.

4) Thou shalt fly only in a very large open area with its owner's permission.

5) Thou shalt not fly to impress friends.

6) Thou shalt proceed slowly and with caution.

7) Thou shalt not panic; let the airplane fly itself out of trouble.

8) Thou shalt steer the model carefully and delicately, using only rudder at first.

9) Thou shalt check thy equipment frequently and change batteries faithfully.

10) Thou shalt be patient, lest thee bust thy plane!