

MAAC'S ZONE B NEWSLETTER.

Take off is optional
but landing is mandatory.

ISSUE NO.4

FEBRUARY 2012

LEAD STORY HEADLINE

INSIDE THIS ISSUE:

LEAD STORY	1
PICTURES	2
ZONE NEWS	3
ZONE EVENTS	4
BUILDING TIPS	5
ELECTRICAL INFORMATION.	6
HOBBY SHOPS AND END NOTES.	7

Hi again everybody, January gone and Moncton had a very successful Fun fly at the Coliseum despite the big storm the day before, and it probably did keep some of you that had planned to attend to stay put. I know I waited until the sun had showed up before I went up there, the roads were greasy home but the highway was fine.

I let Calvin say it in his own words as he stated on RC Canada:
We had a fantastic time!

Despite Friday's storm, there were pilots from all over Nova Scotia, New Brunswick and PEI; 61 in total. It was a great turnout!

The raffle and pilots draw prizes were donated by Great Hobbies, Wave Tech Hobbies and Remington R/C. Thank-you for your support of our event! Colin and Stephen Bell drove up for the event and Colin put on quite a show with his Trex 450. With his impressive 3D routines and approachable nature, Colin is quite an ambassador for our hobby.

Our Zone Director, Regis Landry, was on hand to represent MAAC. It's always good to see him. There were some very nice scratch-built models from the Halifax Electric

Flyers. Vic Ruzgys had a number of very impressive and detailed scale models and Stephan Ryan had incredible flying wings made from fan-fold foam that flew beautifully.

The mass launch saw 14 helicopters and 24 airplanes in the air at once, for a total of 38. This year we counted the models on the ground first and then had them take off at once. The swarm of airplanes racing circuits around the room was quite a sight!

Thank-you to everyone who came and supported this event!

Calvin.

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

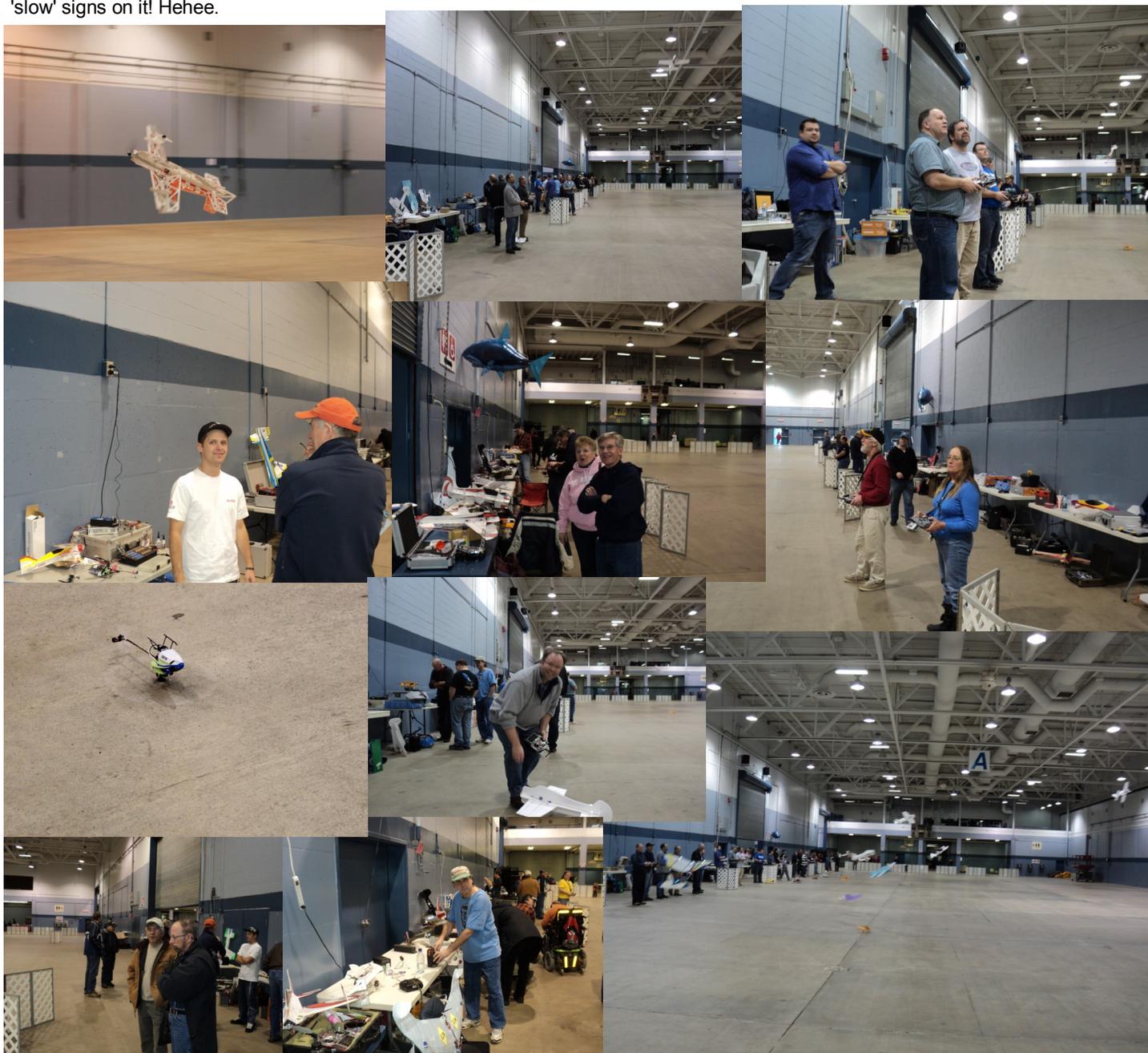
SOME MORE WORDS AND PICTURES FROM THE MONCTON MEET.

Another inserts taken from RC Canada by Stephen in Halifax:

By Stephen Ryan HEFA.

Moncton Mega Indoor Fun Fly - 2012 Jan 28. awesome event!

- Airplane mass launch, 24 airplanes, plus 14 helicopters in the next room, 38 total aircraft in the air at once. almost no collisions! amazing!
- Vic demo'ing the foam Piper L-4 / Cub that 10 of us in HEFA are all building in our series of classes.
- Also, when the event was closing down, Vic and i had the whole place to fly in, both halls. i flew back and forth thru the bay doors.
- my planes were collision magnets that day. i had about 12, mostly getting rear ended! ok, I'm a slow flyer, but my plane does have 2 'slow' signs on it! Hehee.



ZONE B NEWSLETTER

ZONE NEWS.

If you were in Moncton at the event, you probably did see Vic fly his L-4 Cub, Vic is a member of Halifax Electric Flyers, and they are having a build session on that one designed by Vic, get in touch if you are in the area, they also have a great web site, here is the link:

<http://www.halifaxelectricflyers.com/Forums/index.php>

Speaking of web sites, I did have a look at some in our zone, and someone is putting a lot of work into those sites, I don't know about you, but I did briefly look after our site here in Saint John, and I'm telling you that that is a lot of work. So have a look yourself and maybe get some inspiration for your website.

AVON RC FLYER'S

<http://www.avonflyers.ns.ca>

BAY ST GEORGE FLYERS

<http://www.bsgflyers.org/>

CAPE BRETON RC MODELLERS

<http://www.capebretonrcmodelers.piczo.com/?cr=6>

CHARLOTTETOWN RC FLYING CLUB, INC.

<http://crcfc.org/>

FREDERICTON MODEL AIRCRAFT CLUB

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

GREATER MONCTON AEROMODELERS

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

HALIFAX ELECTRIC FLYERS

<http://halifaxelectricflyers.com>

HALIFAX R/C CLUB

<http://machawk.net/hrcc/>

LES AILES DU MADAWASKA

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

MINIATURE AIRCRAFT SOCIETY OF TRURO

<http://users.eastlink.ca/~mast/home>

NORTHUMBERLAND RC MODELERS

<http://www.sinnis.ca/NRCM.htm>

SOUTH SHORE RADIO CONTROL FLYING CLUB

<http://www.ssrcfc.ca/>

SAINT JOHN MODEL FLYING CLUB

<http://www.saintjohnmodelflyingclub.com>

ST JOHN'S R/C FLYERS

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

WINGS OF WELLINGTON R/C AIRCRAFT CLUB

<http://www.wingsofwellington.org/>

ZONE B NEWSLETTER

ZONE EVENTS AND NEWS.

From now on we will only list the next two months with full description of sanction events, the rest of the sanction events will be listed in short version, to see more information, go to the event page on MAAC's website.

=====

Planned Event.

Helis on Ice 2.

February 18 or 19.

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 for information)

=====

Sanction Events.

Saint John Model Flying Club.

March 29-31, 2012. Saint John Model Flying Club Annual Mall Show

The Saint John Model Flying Club will be holding its annual Mall Show at the end of March, 2012 at the MacAllister Place Mall in Saint John, NB. The display will be in full swing at 10:00 am on Friday 30 March and will continue until approximately 7:00 pm on Saturday 31 March 2012. Come and visit with us and see the many radio control model and speak with our members regarding this great hobby.

=====

The Wings of Wellington

April 14,2012. The Wings of Wellington is very pleased to once again be hosting the **Valley Gathering.**

=====

Avon RC Flyers.

May 26, 2012. Come join us at the AVON r/c flying site for two days of helicopter flying.

East Coast Heli Contest and Funfly.

=====

The Fredericton Model Aircraft Club.

June 02,2012. The Fredericton Model Aircraft Club will be holding its Annual Mactaquac **Float Fly.**

=====

Avon RC Flyers.

June 23,2012. The Avon RC flyers are hosting a one day **Scale Aerobatics** Contest.

=====

MINIATURE AIRCRAFT SOCIETY OF TRURO.

June 30, and July 01, 2012. **Warbird over the Atlantic**

=====

MINIATURE AIRCRAFT SOCIETY OF TRURO.

July 7, 2012. **5th Annual Atlantic Scale Aerobatics Challenge.**

=====

The Wings of Wellington

August 18,2012. **Helis East.**

=====

Avon RC Flyers.

September 01,2012. **Scale Aerobatics Contest.**

=====

The Wings of Wellington

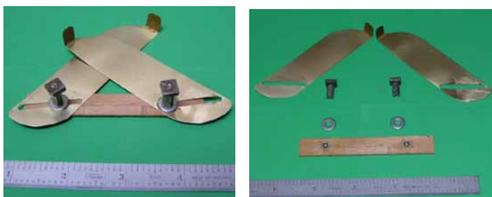
October 06,2012. **Oktoberfest fun fly.**

=====

ZONE B NEWSLETTER

Make gussets painlessly with this simple measuring / cutting jig G. Mansfield

Gusset making used to be a real pain for me. I'd paste a photocopied pattern from my plans on the balsa sheet, cut it out, and "precisely insert gusset" into my built-up structure. Here's where tolerance stack-up bit me *hard!* My limited visual acuity, dexterity, and cutting precision, plus inevitable errors in my structure, almost always combined in the worst direction to produce glue gaps from oh-oh! to yikes! Now I use a homemade jig that measures the true as-built gusset shape and automatically provides rigid straight edges for cutting. Here it is, assembled and in pieces:



Side plates-

make from 1" x 3" x 0.005" brass

Lock nuts - make from PC board standoffs, square nuts

Base plate- make from straight-edged 0.5" x 3.5" x 1/16" plywood

Hold down screws- make from 4-40 flat heads with ground-thinner heads

Making the Parts: The 1.25" x 0.125" slots in the side plates were made by punching out the end radius holes, then cutting out the long edges *carefully* with a sharp X-acto. The plate slots are at 45 degrees to the long edges. From the bottom side, the base plate was drilled and counter sunk for the 4-40 NC flat head hold-down screws, which were then epoxied in place. I crimped on - and CA'd, square nuts to the PC board standoffs for a better finger grip to lock in side plate adjustments. The side-plate end tabs make adjusting easy.

Making Gussets (shown using a twice-Mooney plan for



clarity): See pictures below: **1)** align base plate over long edge of your plan or structure gusset.

Loosen and adjust positions and angles of the side plates to line up with the sides of gusset. Tighten lock nuts.



2) Hold base plate against edge of balsa sheet (parallel to grain). Score gusset edges on the balsa sheet with a *sharp* hobby knife. Remove jig, make finish cuts along score lines on the balsa using a steel straight edge.



3) Lightly sand gusset to remove any undesired bevels you might have made during final cutting.

Specs and Recommendations: With the jig shown you can make gussets with long edges from 0" to 1.25" long. Depending on length, the intersecting side angles can be adjusted from 25 to 125 degrees. For sure, you can scale the jig dimensions to suit your models. Make your first jig out of cardboard to check out the limits of its geometry for your needs. Use a paper cutter to shear the brass sides straight. *Note:* With this unit you can easily make multiple identical gussets by simply scoring the first gusset and sliding the jig along the balsa edge to the next clean space for the next gusset, i.e. set up the jig once and you're in mass production!

George Mansfield, Scale Staffel Newsletter.

ZONE B NEWSLETTER

ELECTRICAL TIPS AND INFORMATION.

Here is a little simple version of how you can measure the watt that your motor will draw, I'm using 1.2V battery in my example, but this information is for any battery we will be using in our hobby.

Take the number from the AMP-METER display and multiply it by the VOLTAGE of your BATTERY PACK. The answer is WATTS.

EXAMPLE: Battery pack = 10 cells * 1.2 Volts = **12 Volts.**

Amp-meter reading is **4 Amps.**

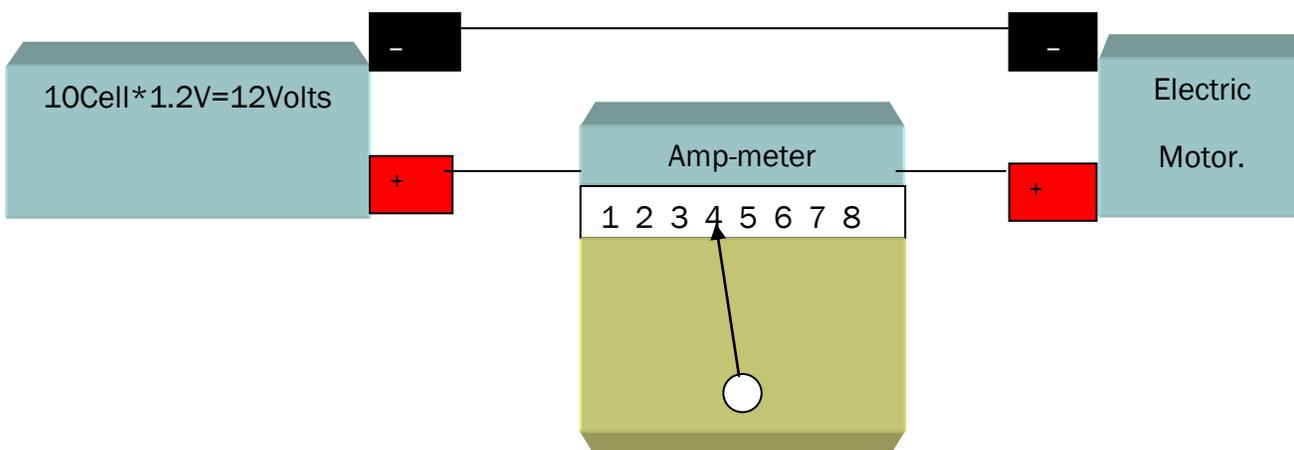
12 V * 4 A = **48 Watts.**

If your Plane's weight is 32 oz. Convert to Pound = 32 oz. / 16 oz. = 2 pound.

Divide the Watts by the plane's weight in Pounds = 48 Watts / 2 pound = 24 Watts.

Remember that AMPERAGE can be controlled by changing PROP sizes, or GEARING.

VOLTAGE can be adjusted by changing the cell counts.



And here is another tip that I'm taken from Jim Lloyd.

When you charge your battery with a fast charger, it is like pouring sugar cubes into a jar, you just can not fill all the space, therefore you have to put the battery on a trickle charge to complete a full charge, just think of it as you would fill granular sugar in the jar that you put your sugar cubes into, you can now fill the jar. This info is only related to NC and NMH, as the other batteries does some type of levelling out the charge from the charger.

Here is a great site on any battery info you are likely to encounter, sent by Bob Kennedy, so enjoy.

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

ZONE B NEWSLETTER

HOBBY SHOPS IN OUR ZONE.

NEW BRUNSWICK

Pro Line Hobbies

chris@prolinehobbies.com
297 Rothesay Ave. Saint
John, New Brunswick
506-696-1881

NOVA SCOTIA

Maritime Hobbies and Craft

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

R/C Wings & Wheels

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

NEWFOUNDLAND AND LABRADOR

Signal Hobbies,

www.signalhobbies.com

36 Pearson, St. John's, NL
A1A 3R1

709-722-7021

PRINCE EDWARD ISLAND

Great Hobbies.

www.greathobbies.com

Stratford, Prince Edward
Island.

902-569-5373.

1-800-839-3262.

Here is a great one for your kids or grandkids/fathers.

What makes this paper airplane so special?

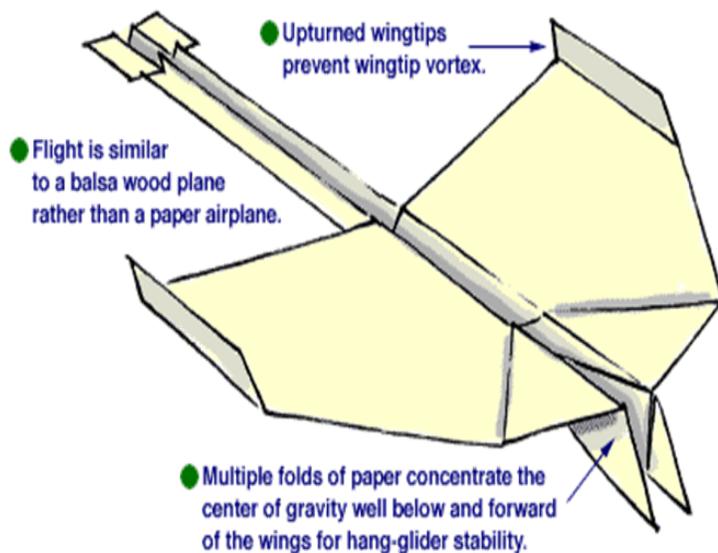
Well, go to the website, and have fun.

<http://www.zurqui.com/crinfocus/paper/airplane.html>

Got this one I got from Ian Gunn long
time ago, it kind of relate to many
things, don't you think.

The DC-3 of paper airplanes!

- Folds progressively thicker where the wing joins the fuselage prevents distortion during windy days.
- Long tail gives directional stability.
- Can be flown with or without a tail.



THIS IS A TUIT

At long last I have found a round TUIT.

And I'm going to give it to you!

Guard it with your life! These TUIITS are hard to come by, ESPECIALLY THE ROUND ONES!

For years you've been saying, "I'll do that

as soon as I get a round tuit".

And now that you have a round tuit of YOUR OWN, many things that you meant to do just may get done!

MAAC'S ZONE B NEWSLETTER.

FROM OUR ZONE DIRECTOR.



Snow, Snow, and more Snow, had to shovel out before I could get down to Moncton, but better late than never they say, a great event and a lot of work by the Moncton club, and they even broke even, lots of prizes and all in all a great event, good show guys. Sure looks like the electric flying is here to stay, great way to keep the thumbs in shape and those old brain cells exercised. Speaking of brain cells, we would like to have some more input from your guys for the News Letter, a picture or just a few words from your meeting or what ever you have. Until next time, fly safe.

ATLANTIC ZONE NEWSLETTER CONTACT.

Zone Director:

Regis Landry,

E-Mail:

regisl@nbnet.nb.ca

Zone-b@maac.ca

Phone:

506-727-5225

Editor: Cato Hansen,

E-Mail Address:

chansen@nbnet.nb.ca

Phone:

506-832-5710

BACK PAGE STORY.

This is the picture from the first Maritime Model Aircraft Zone Meeting in Moncton April 23, 1948. The second person on the right is Cliff Boyer from Saint John, and still active in the club. If you recognize anybody else, let me know.

Pilot or Mascot improvement:

If you take your pilot bust as purchased and cut 15 degree of the bust starting in front, it will be leaning forward and will be more real looking.

[Here is a link to a homebuilt aircraft site with all kinds of related and technical stuff to enjoy.](#)

<http://www.wanttaja.com/avlinks/>



MAAC.JPG

And here is a few departing words.

WIFE VS. HUSBAND

A couple drove down a country road for several miles, not saying a word.

An earlier discussion had led to an argument and neither of them wanted to concede their position..

As they passed a barnyard of mules, goats, and pigs, the husband asked sarcastically, 'Relatives of yours?'

'Yep,' the wife replied, 'in-laws.'