

MAAC'S ZONE B NEWSLETTER.

Take off is optional
but landing is mandatory.

ISSUE NO.40.

FEBRUARY 2015.

LEAD STORY HEADLINE



O'Keefe Lake Winter Flying, and some indoor flying at Glen Steward School, more on page two.

INSIDE THIS ISSUE:

LEAD STORY HEAD- LINE.	1
CHARLOTTETOWN WINTER AND INDOOR FLYING.	2
MIRAMICHI RADIO CONTROL MODELERS	3
MAST INDOOR.	4
ASRCM INDOOR.	5
CARL LAYDEN'S BLOG	6- 7
HOBBY SHOPS AND EVENTS.	8- 9
BACK PAGE STORY	10

ON ANOTHER NOTE.

A smile - is a sign of joy.
A hug - is a sign of love.
A laugh - is a sign of happi-
ness.
And a friend like me?
Well that's just a sign of
good taste!
We'll be friends until I am
senile.
Then we'll be NEW friends.

Don't forget this is your
way to inform the Zone
what is going on in your
neck of the woods, please
let me know at

chansen@nbnet.nb.ca



Miramichi Radio Control Modelers
Mall show, more on page three.

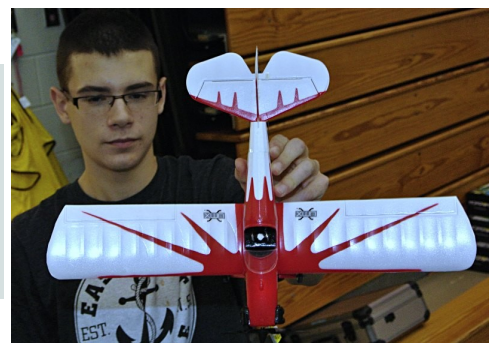


Carl Layden's Spitfire Blog on
page six and seven.

Here is MAST
member Jim
Sutherland
with his indoor
flying model,
more on page
four.



Zack Little
with his
Spacewalker
at ASRCM
indoor flying
on page five,



ZONE B NEWSLETTER

WINTER FLYING AT O'KEEFS LAKE AND INDOOR FLYING AT GLEN STUART SCHOOL.

Here is some pictures that I took from Charlottetown Radio Control Flying Club's website, and text and photos are by Rick Munn.

Those two photos are from 2012, but it shows a hardy group of flyers over there in P.E.I.



And here are some from last Saturday at O'Keefe Lake, just look at that runway.

It turned out to be a good afternoon at O'Keefes Lake. Unfortunately we only had four participants; we'll look at doing it again soon.



And a little horsing around to keep warm.

Indoor:

Our indoor flying is a success at Glen Stewart School with a large variety of aircraft, so if you are over here at the Island, check our web site Event Calendar and come and join us.

On one Friday evening we had a friendly competition with one single prize to give away - donated by our invaluable Treasury Secretary of twenty-five plus years - Mr. A. Simpson. The event was our ever popular All-Up-Last-Down. We included both winged and quadcopters together. Perhaps next time, we'll look at separating them out, but then we'll need two prizes. The winner was Ron with his FlyZone Playmate.

Photo of some younger members, in the foreground Cameron Munn working to win, his older brother Colyn (lower left) checking on some batteries, and Ceiran catching his vapour - nice snag!

In the background, Matthew and Zachary Sampson getting ready for an other flight.



Colyn Munn flying his Quadcopter.



Some of Mr. Hughes very nice scratch built creations.



This was taken during the All-Up-Last-Down.

I suspect quad-copters were very popular under the Christmas tree last year.

Here are three pilots who

predate that trend with their quad-copter experience and passion, evident by their exceptional piloting skills - Matthew Sampson (age 14) flying a Blade Nano QX, Zachary Sampson (age 12) flying a Estes Proto X Nano, and Ceiran Munn (age 12) flying a Heli-Max 1SQ V-Cam.



ZONE B NEWSLETTER

MIRAMICHI RADIO CONTROL MODELERS MALL SHOW.

PICTURES AND TEXT BY RON NOWLAN

Hello, here we are the Miramichi Radio Control Modelers (Miramichi, NB) – MRCM, and we had a Mall promo where we concentrated on kids outreach to get young people interested in the hobby of RC Airplanes. Here is two Young Miramichi kids, Braden and Robbie Flett holding their MAAC beginner kits, thanks to Milt Barsky (MAAC Beginner Chairman) for sending those kits to us.



Here is Jim Silliker sitting, and David Krygsveld standing talking to Rod Peterson and Rods Daughter looking on. Bill Galloway sitting on right, the rest is spectators. All in all we had a great show with lots of interest showing from the public.



ZONE B NEWSLETTER

MAST IN TRURO BY ED HARPELL.



Jim Sutherland making sure nothing is broken.



We are enjoying a real good turn out at our indoor weekly events, and here is Shawn Maloney saying something funny, but Bill Grundy is too occupied to notice.



Shawn Maloney showing off his latest creation.



Here is Bill Grundy, Bob Vandekieft, and Shawn Maloney having a little break and probably contemplating about going to Timmis after.

ZONE B NEWSLETTER

ASRCM INDOOR AT RIVERSIDE ELEMENTARY SCHOOL BY AL EASTMAN.

Joe Miller's Crack laser has just finished a prolonged rolling circle and now races at breakneck speed for the end wall of the gymnasium. A split second before it slams headlong into the wall Joe interrupts its flight pitching up steeply to a vertical position and lets it slide forward for another inch to plant its wheels firmly on the wall. Now it's wall clinging time as Joe keeps it there climbing and descending at will with some throttle juggling. The trick now is to get it off the wall and flying again and most of the time Joe gets it right, but not always. Steve Wiper is often there to chase Joe around as is Jon Eastman on the rare occasion he gets off work in time. Shawn Maloney likes to throw his laser into that mix as well.

Earlier Matt Jack had the floor with his modified MCPX BL flying his mesmerizing almost ballet style of helicopter aerobatics in the confines of the gym. None of this wham, slam type of heli antics for Matt, more of a slow motion kind of aerobatics which stops everyone whether here or at our field during summer flying.

Darren Monk often has his heli, inverted, an inch off the floor, sometimes settling it down right onto the mast. Alain Richer brings a heli or an UMX corsair. Alain is a corsair nut.

Craig Maybe, when he is back from his travels servicing helicopters worldwide always has something small and frenetic in the air. A few of the Helimaniacs group of Dartmouth, Colin Brooks and Julian Parkinson occasionally make an appearance. Brothers Kyle and Zach Little fly almost non-stop.

Mighty Small Cars owner Geoff Davis is a popular attendee. Flying here would not be what it is were it not for Geoff and his keeping on top of things and always having parts in stock.

This is flying at the weekly ASRCM indoor at the Riverside Elementary School in Milford and while the gym is large it is not generous in size. Despite this diverse airframes are usually flying at the same time. It is not uncommon to see a couple of lasers, an UMX micro or two and perhaps a small quad or heli orbiting at the same time each aware of the other and able to fly without mishaps. There is a lot of camaraderie in our group. The place rings with laughter constantly.



ASRCM indoor organizer Shawn Maloney checks out his supply of CA prior to taking his crack laser into the air. In the background Joe Miller reaches for his new laser which replaces the one he has tortured for a year and a half. These birds are surprisingly durable and have excellent flying characteristics.



Here Shawn hovers his blade 130. In the background is Zach Little getting ready to fly his UMX Spacewalker.

Zach displays his little Spacewalker.



A new offering from Eflite this year, the little Spacewalker is showing up at several indoors in Nova Scotia. The three channel ship sells for less than most other UMX planes probably due to its having one less servo and that keeps the weight down and helps make this plane the superb flyer it is.



Brother Kyle hovers the quad for the camera. You can see the vibration reducing mount under its nose where Kyle hangs his go-pro camera. That camera with wifi can broadcast live to Kyle's cell phone which records the action. I haven't

seen any of the videos on youtube yet though.

Joe Miller concentrates on hovering his new crack laser built to replace the one he tortured over the past year and a half. Joe can really work this thing around the gymnasium and his specialties include rolling circles, wall climbing and of late race car circuits on the floor. Darren Monk is in the background.



Darren Monk hovers his blade MCPX Blade an inch off the floor, something we see him doing on a regular basis. The high speed exposure of my electronic flash has stopped the heli blades in this photo.

Shawn, Matt and Darren tweak their helis while Joe Miller tries to scratch up the new laser.



Joe does his familiar wall climb after rushing into position at full throttle and braking with an abrupt pull up to vertical. Amazing to watch, this move always gets a laughing response from the crowd.

ZONE B NEWSLETTER

FROM CARL LAYDENS BLOG AND MODEL AIRPLANE NEWS.

[Hangar 9 Spitfire ARF 30cc modifications](#) by [Carl Layden](#).

The Hangar 9 Spitfire Mk IXc ARF is an excellent model. Built following the instructions it will be an excellent aircraft you'll enjoy flying for many years. To add a little personal touch and enhance some of the scale detail I added a few modifications to the kit. They are not intended to be exact scale modifications, merely a few tweaks to help it stand out for other Spitfire ARFs on the flight-line.

Cockpit

The ARF was designed to accommodate a pilot bust figure using a decal dash included in the kit. My goal was to change the stock arrangement to full cockpit with a more realistic looking instrument panel. A few minutes using Google and I had plethora of images of Spitfire instrument panels & cockpits. Using an inkjet printer I scaled one of the panels to fit the 1/5.5 scale H9 Spitfire. The instrument panel consists of three layers; Card stock cut to correct shape with holes punched in locations of instruments.

Clear plastic cut in the outline of instrument panel.

Face of instrument printed on glossy paper.

The holes in panel were made using hole punches, available in various sizes from card making or scrapbook supply stores (or your wife's Stampin'Up! supplies).

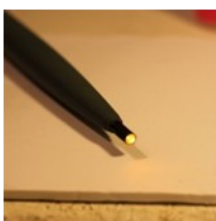
I glued the three layers together using Weldbond taking care not to have glue in location of instruments.

You can add as much detail as you want to the panel using 'googled' photos for reference. Making switches from pins and small bits of balsa or ply.

The rest of the cockpit was built using 1/16 balsa in a TLAR (That Looks About Right) fashion that fit the cockpit. The interior was painted "cockpit green" using acrylic Toll paints.



Guns & Cannons



tube. Solder a red & black wire to the LEDs (approx. 20" long) use heat-shrink tubing to prevent the LED from

shorting, red wire to the positive side of LED. A 100-150ohm resistor soldered in-line with the positive lead of LED. Mount the cannon following the directions of kit, route the wires through wing us servo connector on the ends to make disconnecting possible.

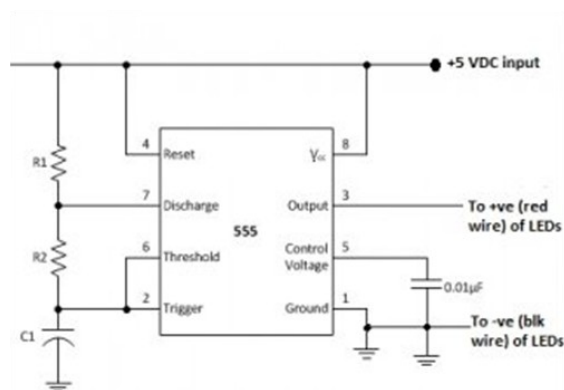
Drill 1/8" hole in the center of red square of wing leading edge. Route wire to aileron servo bay, then to wing route. Glue the tube with LED flush with leading edge of wing, using

There are a few companies that make R/C accessories to flash lights/LEDs to simulate cannon fire. Using a 555 timer I constructed two circuits using the schematic below. The

20mm cannons in a Spitfire fired at a rate of 600rpm (10Hz) & the .303 guns at 1200rpm (20Hz). Using a circuit flashing at these rates the LED appeared to be on all the time. To give

the illusion of firing I slowed the rate to 5Hz & 7Hz respectively.

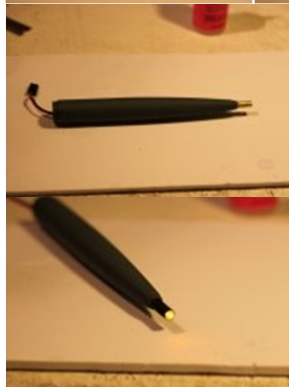
The table show the values of resistors & capacitor to use in circuit to create the correct frequency.



RPM	Frequency	R1	R2	C1
1200	20Hz	3Kohm	15Kohm	2.2uF
600	10Hz	1Kohm	15Kohm	4.7uF
420	7Hz	4.7Kohm	100Kohm	1uF
300	5Hz	6.8Kohm	27Kohm	4.7uF



And here is the finished cannons.



This is continuing on the next page with Carls modification of his retracts.

ZONE B NEWSLETTER

FROM CARL LAYDENS BLOG ON HIS SPITFIRE MODIFICATIONS

Retracts

The retracts used are servoless electric retracts from HobbyKing to fit a 50cc Spitfire.

To retro fit this gear, the legs needed to be shortened approximately 2".



This was accomplished by drilling the center of the gear leg an additional 2" deep using a 15/64" drill bit.

After drilling, the leg was cut 1-7/8" shorter using a hacksaw, taking care to keep the cut square, then file the end to remove any burrs or sharp edges.



Marking the retract leg for the location of the grub screws.



Using a drill press, the gear leg was then drilled and tapped using the same spacing to accommodate the grub screws. Once this mod is complete the gear can be installed following the kit/gear directions.



Tail Wheel.

To give the appearance of a "scale-ish" tail wheel a little 1/8" balsa was used. Following the directions of the kit the wheel collar was located 2" from the end on the tail-wheel wire. Short strips of 1/8" balsa 3/4" wide was then glued around the wire, this was then sanded to shape (images from google search as a guideline). Use 1/64" ply & balsa to create the 'fork'. The balsa & ply sections of tail-wheel were then covered using a head shrink film (grey or chrome)



For a full Video walk around of model, and more info, go to Carls Video on YouTube.

https://www.youtube.com/watch?feature=player_embedded&v=qxOTEmI0KIY&x-yt-cl=84503534&x-yt-ts=1421914688

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HOBBY SHOPS IN OUR ZONE.

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R/C Wings & Wheels

www.rcwings.com

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Dartmouth, NS
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1-800-839-3262

The new store is now located
in Charlottetown with only
administration in the Stratford
location.

SANCTIONED AND OR PLANNED EVENTS IN THE ZONE.

February 7, 2015. 1 Day.

GREATER MONCTON AEROMODELERS.

Moncton GMAC Mega Indoor Fun Fly and Swap Shop

Admission: \$25 for participants 19 and over (includes buying or selling at the swap shop). 18 and under and spectators are FREE! Time: 9am – 4pm, Saturday, February 7th, 2015. *Tear down will take place at 4pm, but pilots are welcome to fly until 6pm. Swap Shop: 9am-4pm (bring your own tables) Weather: This event will be a go unless the Coliseum itself is closed due to weather. A valid 2015 MAAC membership is required to fly at this event. Tables: We rent 20 tables for this event and this is suitable for the pits area only. Swap shop sellers must bring their own tables, and others are encouraged to bring their own tables if possible. Food: We expect to have on site concession service as in past years, but this will not be confirmed in advance. Power: There are outlets along the wall, but you need to bring your own extension cables. Sponsors: Welcomed to bring a table or two and sell/market on site and hang a banner. Con-



tact us to arrange sponsorship. Any cancellation will be communicated on <http://gmac.rcmoncton.org>.



ZONE B NEWSLETTER

SANCTIONED AND OR PLANNED EVENTS IN THE ZONE.



Moved to the 15th to make sure Valentiners have their day! Long weekend anyway with the new Heritage day vacation.

The Fifth HELIS ON ICE. **Feb 15th. 2015.**

Hey folks,

We are back at my cottage for 2015. Year #5 for Helis on Ice. Due to popular demand we're going to try mixing a few planes in again this year. So if your wings don't rotate you may want to put skis were the wheels normally go. Christie is planning on pulled pork and Chili again and we'll be sure to have some warm cider on and a bonfire going....

Starts anytime – goes to whenever. If you are coming a distance let me know and we'll find you a place to bunk down. Once we get a little closer to the date we'll make the call on weather and Ice conditions.

Directions:

From the Valley

Take the number 12 Hwy to New Ross. Turn right at New Ross (Road to the Forties), Go 17.4 Km, Turn Left (sign says Parkdale and New Germany) Go 9.5 Km. Turn left on to Killdog Road (Big Blue sign by Church) About 0.8 Km - turn left onto Coveview road (only left on Killdog). We are the second from last driveway in the Cul-du-sac - Can't miss the big rock!

From Halifax or Yarmouth.

Take the 103 Hwy to exit 11 (Blockhouse/Mahone bay exit). Turn Inland toward Cornwall (away from Mahone Bay), Go 30.5 Km. Turn right on to Killdog Road (Big Blue sign by Church), About 0.8 Km - turn left onto Coveview road (only left on Killdog). We are the second from last driveway in the Cul-du-sac – Can't miss the big rock!

Valley Gathering 2015

March 28 - Kentville.

After a record turn-out last year the Wings of Wellington is excited to once again host the Valley Gathering. The event will include a swap shop, education sessions, Demo Flying, and day of indoor flying. All indoor electric AC welcome – Helicopters to 450 size. Speakers on a variety of RC related topics (TBA - Electrics and Helicopters for sure) will give interested attendees a chance to mix some flying and learning on the same day. This year's event will include indoor night flying so make sure you those LED's mounted and ready to power up.

LOCATION Kentville NS – Indoor Soccer Stadium –
www.valleyindoorsoccer.com/directions.asp

– Take exit 14 on Highway 101 to Route 1. Turn right (east) at stop sign by former Pine Hill hotel. Head towards Kentville. Facility is on left about 3.6 km along.

Flying Hours: 9:00 AM to 4 PM.

Swap Shop Hours: 9:00 AM to 4 PM.

This is a MAAC sanctioned event. MAAC membership is required to fly.

Notice to all flyers – bring a pair of indoor shoes – outdoor footwear cannot be worn on the field!

http://www.maac.ca/events/event_details.php?eid=4743

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



FROM YOUR ZONE DIRECTOR.



I just can't believe the month of January is gone, and that's good with all the snow it spread around, so why not get those skis or floats on and get out there and try that nice cold and heavy air. If that don't suit yourself, why not join all those members out there flying their little electric planes, helies and those pesky Mixmaster's. we have one Mega Event coming up this coming week-end on February 7, so why don't you come and enjoy the day with a great bunch of guys and girls, and I also see Jeremy has booked his big event on March 28 in the indoor soccer field in Kentville, so there you are, get those planes and helies ready. Fly safe and we will see you there.

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BACK PAGE STORY.



When Micki and I arrived on the Monday before NEAT we observed an industrious fellow working on a model at Jim and Pam Lloyd's camper. During the next few days, Dave Nicholson finished the model (including internal lights) and had it flying on Friday. Dave's model is based on Midwest Aerostar 40 plans and uses most of the original wing design, but has a completely re-engineered fuselage and tail feathers

HEFA RAFFLE.

Buying four tickets on the Halifax Electric Flyers Association raffle of an E-flite Splendor, paid off on January 24th for club member Richard Gules of Dartmouth. Richard was the holder of ticket number 18, drawn during a get-together at the Tim Horton Location on Akeley Boulevard. Raffle organizer Bill Foster, left, present the rather large foamy to Richard.

Photo by event coordinator Andrew Curran.



Jim Lloyd never gives up! Scaled up from a free-flight kit (from a defunct manufacturer) and rebuilt several times, Jim's stand-off-scale Avro Triplane Type 4 is a slow, steady flyer and makes wide turns. It's definitely not a plane for windy weather!

This was a report by Bill and Micki Bowne from the English Model Magazine RCMW.

Since NEAT runs the weekend after the Rhinebeck, and Rhinebeck is less than 100 miles away from NEAT, we weren't surprised to see several folks from Rhinebeck show up at NEAT. One such person is amiable Jim Lloyd from New Brunswick, Canada, and his long-suffering (with a smile!) wife Pam, have been making the rounds of Rhinebeck and NEAT for several years.



SON OF A B*TCH TOOL:

Any handy tool that you grab and throw across the garage while yelling 'Son of a b*tch' at the top of your lungs. It is also, most often, the next tool that you will need.