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8



MAAC'S ZONE B NEWSLETTER

Issue no. 69

Takeoff is optional
But landing is mandatory

December 2017

INSIDE THIS ISSUE



Merry Christmas to all zone members. Hope your Xmas tree looks something like this!



Winter builds in the zone



Scale Dalotel by Roger Forgues
Roger sends us a detailed report on the build of his 50% scale Dalotel.

And a lot more!

ZONE B NEWSLETTER

Scale Dalotel by Roger Forgues

My name is Roger Forgues, and I have been in this wonderful hobby basically all my life.

I came to love the Dalotel when I attended the TOC in 1980 and personally met Hanno Pretner. He had always been my hero, and that year won TOC with his version of the Dalotel. Ever since then it was a dream to build a scale version. As time went by, I finally got lucky and heard that the Toulouse Museum of Aviation in France had the original drawings from Michel Dalotel. A quick call to the curator and I had all of his 450 drawings on a DVD. And this was the start of a love affair.

I first re sized the drawings to 50% of the original and started building. Because most hobby shops don't carry the type of large items I was going to need, I knew I would have to make every part. But I wasn't deterred.

A few details: For instance, for the drum brakes. I started with a large diameter bar stock aluminum, and machined the wheel hub and brake drums in one piece. Then it was on to the brake shoes, starting with making the two shoes in one piece then slicing at the right place to separate them. Since there are no tiny brake pistons on the market, I had to make my own. Then I used a gasket material for the brake lining, and they work great.



Onboard Alternator:
For the alternator, I used a brushless outrunner motor with a KV of 530 , and made the parts to make them fit .

ZONE B NEWSLETTER

Scale Dalotel by Roger Forgues

Aileron hinges and servo connect

Another detail is the aileron hinges. Robarts hinges are not scale enough for something like this, so I made aluminum holders for the bearings on the aileron itself.

"Picture below". The ailerons could not have any linkage sticking out because the original doesn't have any, so a Bluebird H50B brushless servo sits on its side, hidden at the bottom end of the wing near the aileron. Then I made a collar adapter that fits the servo spine and a sandwich to grab on the aileron shaft that also works perfectly.



These are only a few of the details of which go into making a larger than normal model airplane; remember, you can't buy most of this.



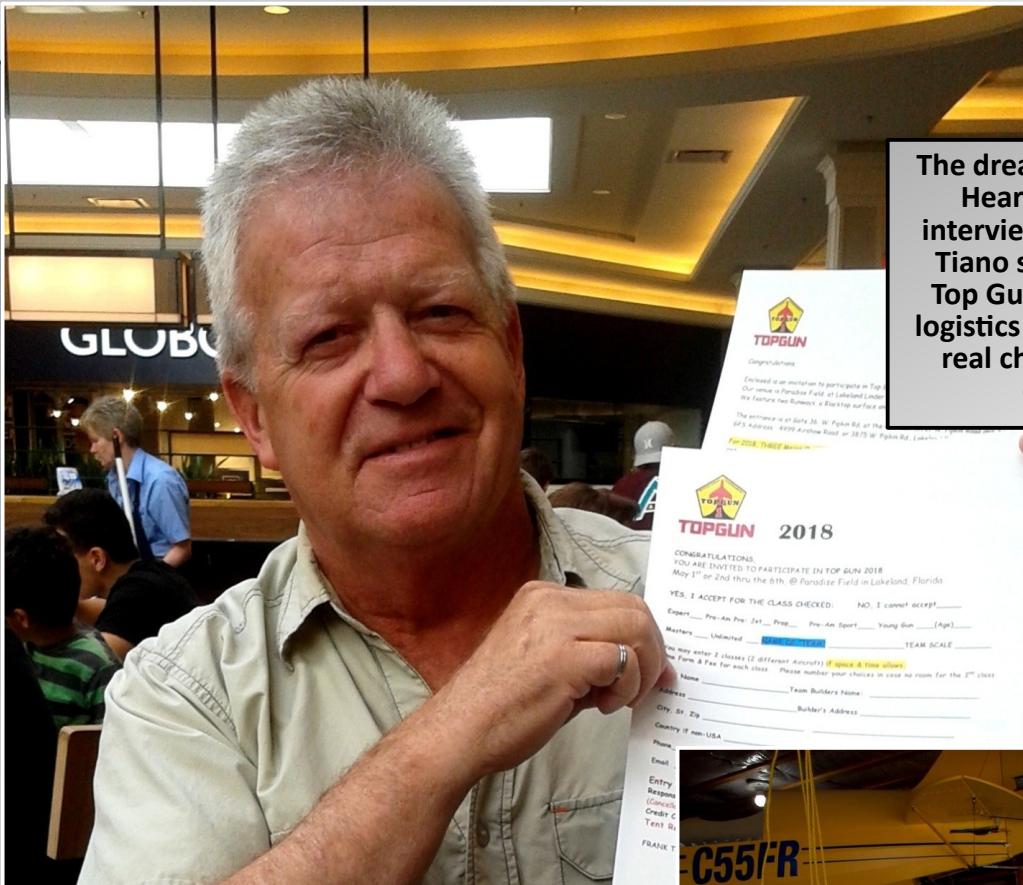
ZONE B NEWSLETTER

Scale Dalotel by Roger Forgues

Without going into every detail, let's just say, the airplane is 165 inches wing span; has retracts, all handmade, with differential drum brakes also fabricated by myself, again no other source and they needed to be scale. The engine will be a scale continental O200 at also 50% scale, being developed by the well known engine maker Hans Kolm of Austria. The engine will be all scale with parts being also 3D printed in aluminum, titanium, and other parts in rubber, and plastic, with 500 cc.

The radio I will use is my trusty FrSky Horus, with two S8R receivers for augmented stability, through a redundancy bus unit again from FrSky. A 3rd receiver will be used for the extra non flight control channels for a total of 19 channels,

All in all, test flight in 2018,



The dream of all scale modelers!!
Hearing of my project and interviewing me at length, Frank Tiano sent me an invite to the Top Gun contest.....So after the logistics of building the thing, the real challenge will be to get it down to Florida!.



Report and Photos by Roger Forgues

ZONE B NEWSLETTER

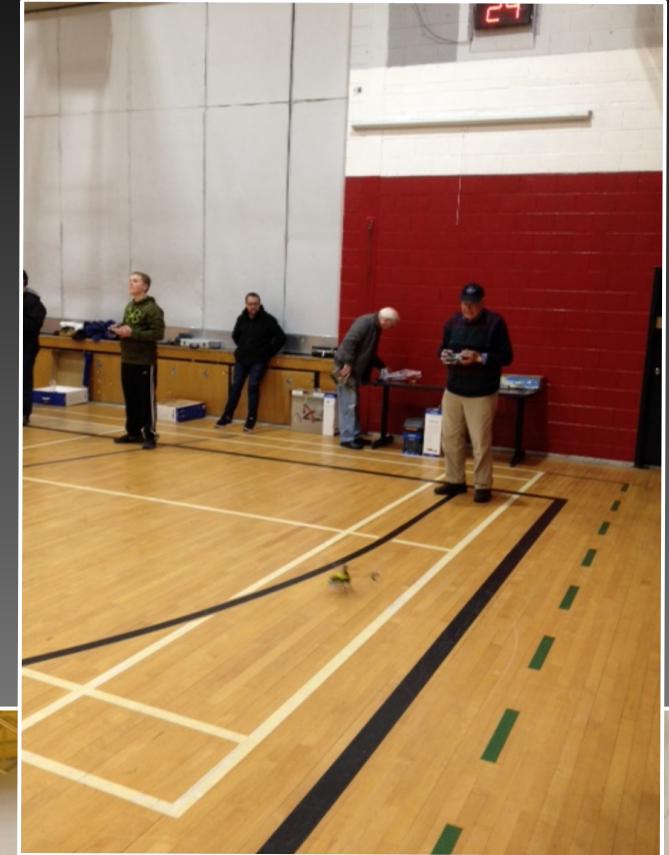
St. John's R/C Flyers in Newfoundland

A year end report by Robert Dicks of the St. John's R/C Flyers in Newfoundland

The 2017 summer flying season has come to an end, but we were fortunate to have the majority of our scheduled Fun Flies take place this year. Only the last few hardy pilots are still visiting the flying field. Colder temperatures and windy conditions make it difficult to get pumped up about flying outside. Indoor began in October in one of the local school gyms. Monday evenings begin with a pre-flying coffee hour followed by a half dozen or more pilots spending several hours flying an assortment of planes, helis and multi rotors.

The gym is standard size and there are always those challenges with avoiding basketball hoops and bleachers. Mid air contacts are also a norm for the space. We do have a second option for those retired club members. The Techniplex Complex with its soccer field size indoor space is made available to all indoor fliers on one afternoon a week. You can really get spoiled flying in such a large space, but it does lend itself to planes of larger and faster setups. The next club function will be our annual Christmas Dinner being held at the Ramada Inn on December 13th. Club members attend with their significant other and great meal is always provided. Awards are presented for Member of the Year and the person with poorest Takeoffs to Landings

Ratio. MAAC wings are also presented to any new members completing their Wings program. Wishing all of you in Zone B a great Holiday Season!



The only warmth to be felt is from cleaning out the hangar of those planes whose flights didn't end so well. Little back yard bon fires always give those broken planes a last flight with no added stress of a good landing.

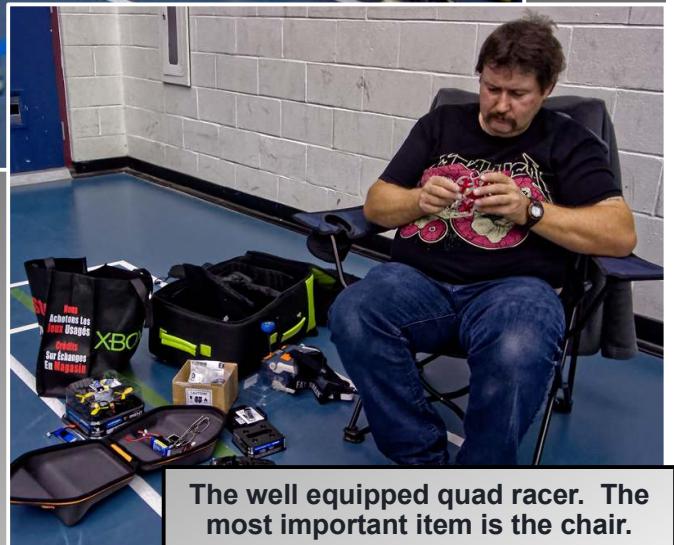


ZONE B NEWSLETTER

A recent ASRCM Winter Indoor in Milford



Every club has it's ham. In our case it's Shawn. lol



The well equipped quad racer. The most important item is the chair.



Photos by Al Eastman

ZONE B NEWSLETTER

Recent indoor at the Wings of Wellington



Just a heads up -Aaron with his techone flyer. this is a great EPP foam flyer and seems to be a great value -complete kit with everything but receiver for under \$140 for anyone looking for an indoor aerobat. Available from Great Hobbies. Quick Build.



Al's new extra with tilt motor



Steve Wiper and his Yak



Photos by Jeremy Dann and Barry Lloyd

ZONE B NEWSLETTER

A recent South Shore RC Flyers indoor

South Shore RC Indoor

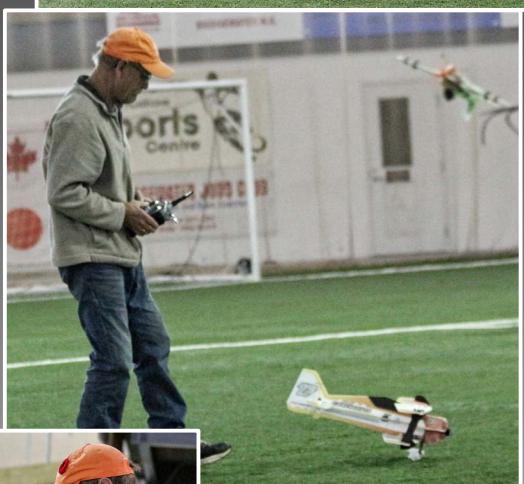
Indoor Flying at HB Studios Bridgewater

Update: There will be no Indoor Flying at HB Studios in Bridgewater on the following dates:

Dec 9, Dec 23, and Dec 30

Other than that, it's \$10 every Sat from 2.30-4.30pm

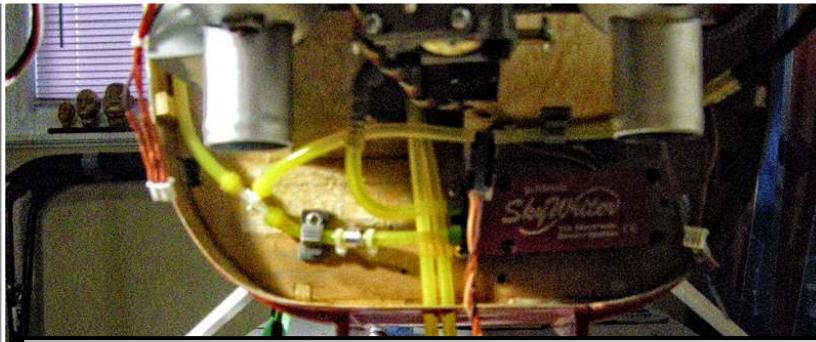
See you there



Photos by Tyler Ernst

ZONE B NEWSLETTER

Some bits and bytes from the Zone



With the relatively short nose on the Super D and, the servos at the back, I'm preparing it for (all up-front batteries) to obtain the CG. As shown in pic, I'm using both sides of the engine box covers to fasten the batteries and the ignition. If all or some of the batteries aren't needed in the front they can be easily shifted to behind the firewall.

Batteries; (6V A123's)

- (2) 3850mah for RX. and (2) separate switches
- (1) 2500 mah for ignition
- (1) 2500 mah for smoke pump (may increase voltage)
- (1) 9V for lights (servo actuated micro switch)

Dan Marchand of the AVON club reports on his 35% Super Decathlon

I bought this built/airframe last summer for a winter project and have been modifying it to meet my needs.

Specs; for Super D - 135" wingspan -fuselage length 96"-weight 39.8 lbs (will be) Specs call for 38 to 40 lbs.

Modifications;

- firewall (added 1/8" G10)front and back of wafer board
- firewall(light-Strong)! - re-designed servo mounts for smaller servos;
- Cowling (to be done) cooling vents and screening - eliminated servo extension connectors and
- soldered the long leads; -re-worked wiring for lights
- removed non structural items to reduce weight.

Installed the following new flight systems;

- DLE 120 cc engine (work to be done on exhaust)
- Skywriter smoke pump (from my Pawnee)
- 7655 HiTec servos (330 in. ozs. torque)
- fuel/smoke systems. More to do over the winter.....



ZONE B NEWSLETTER

Some bits and bytes from the Zone

Jeremy Dann's big stinson. I've been following Jeremy's posts on facebook in the Wings of Wellington group. Check out this club facebook page.
<https://www.facebook.com/groups/272843213208700/?fref=ts>



Milestone! It's on, clearances are extremely tight. Fibreglass specialties Stinson cowl required/coming as the stock cowl would not come close to clearing. Rubber mounted. take it back off next and start sheeting the nose and work on doors, windows, and fairings.



ZONE B NEWSLETTER

Some bits and bytes from the Zone



Jeremy Dann posts this photo: Under construction Seaking Play date at Mike Boulanger's today. Hopefully we will have at least two of these in the air this spring.

ZONE B NEWSLETTER

HOBBY SHOPS IN OUR ZONE.

NEW BRUNSWICK

Freedom Hobbies
www.freedomhobbies.ca
3134 Main Street,
Salisbury, N.B.
E4J2L6. Owner
Patrick Last.
freedom@makeitlast.ca

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HELICOPTERS
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Edmundston N.B
Canada E3V 4A2
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Fax (506)-737-8701
Email:
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NOVA SCOTIA

Mighty Small Cars
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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,
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John's, NL A1A 3R1
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PRINCE EDWARD ISLAND

Great Hobbies.
171 Buchanan Drive,
Charlottetown, PE I.

<http://www.greathobbies.com>

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

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

Some bits and bytes from the Zone

In the minutes of the Atlantic Zone annual meeting posted in the November newsletter, Avon club member Sandy McInnis gave a verbal report on the Club's reopened scale event held this past summer. The minutes incorrectly named the event and should have read: **Sandy McInnis reported on the reopened scale event that was originally started as Ches Lockhart Memorial Scale event, with the Ches Lockhart Memorial Cup as trophy, and it was hosted by Avon Flyers this year, and they hope to continue it onward as they had 36 registered pilots.**

ZONE B NEWSLETTER

INDOOR FLYING IN THE ZONE 2017/18



NORTHUMBERLAND RC MODELERS WINTER INDOOR

Location : NSCC Pictou Campus

Date : Every Monday starting Oct 30th

Time 5:30PM to 9:30PM

Every Monday until May 2018 with the following exceptions:

- November 13, 2017 - Campus closed to observe Remembrance Day
- November 20, 2017 - there is a set up for Tech day in the gym that evening.

ASRCM Winter Indoor in Milford

Riverside Elementary School gymnasium

Monday evenings 6:00 PM to 9:00 PM.

All flyers welcome. Micro quad racing has become a main attraction.

All small indoor aircraft and Micro helicopters also welcome.

NO entrance fee. All the school asks is no outdoor footwear in the gymnasium.



The **Wings of Wellington** is again very pleased to organize weekly indoor flying for all RC pilots. All electric indoor AC are welcome including multi-rotors and Helicopters (up to 250 size). Kentville NS – Indoor

Multipurpose Soccer Stadium Flying Hours: 1- 4 PM.

Cost - \$10 payable to the facility manager when you leave

South Shore RC Indoor

Indoor Flying starts Saturday Oct 14 2.30-4.30pm at HB Studios Bridgewater

\$10 at the door

All are welcome

Bring a friend

Drones, electric, helicopter

See you there.

ZONE B NEWSLETTER

FROM YOUR ZONE DIRECTOR

Hi everybody,

Hope your indoor flying is in full gear and your workshop is fully loaded. Some Zone news first; we have two new Assistant Zone Directors, Terry Bullerwell from the South West Flyers and Darrell MacDonald from Cape Breton Radio Control Modellers, thank you guys for stepping up. Darrell replaces Brian McKeigan, so let's all thank Brian for his dedication to our Zone, thank you Brian.

Next on the note is what we all have been criticizing and hearing for years, and that is MAAC is not listening to us, well if you look in the latest MAAC Magazine you will find just what we have been asking for. Take your time and go through it, no it's not going to happen overnight, but as a 5 year plan, it really looks good. So if you have any thoughts and recommendations to add to it, please send me a note and I'll see to it. Your BOD is meeting every third Thursday of the month by electronic conference call in order to get a better hands-on approach to all the issues we are facing, so in the future you will see a big improvement in what's happening with your organization.

In closing I would like to wish you all a very Merry Christmas and a Happy New Year.

Cato.



TOP 10 BEST WORLD WAR TWO FIGHTERS



<https://www.youtube.com/watch?v=Xx-sI2lz-aQ>

Newsletter Contacts

Zone Director: Cato Hansen
E-Mail: chansen@nbnet.nb.ca
Zone-b@maac.ca
Phone: 506-832-5710

Newsletter Editor: Al Eastman
E-Mail : astroflyer@eastlink.ca
Phone: 902-758-3490

Deputy Zone Dir. Jon Eastman
Phone: 902-899-3549
E-Mail: joneastman@live.com

15 Facts & Images About One Of The Best Inventions of WW2 – The DUKW



<https://m.warhistoryonline.com/military-vehicle-news/15-facts-images-about-one-of-the-best-inventions-of-ww2-the-dukw.html>

