



Cornwall Aero Modellers

NEWSLETTER

March 2016

**Club Executive**

**President: Karl Kingston**  
**Vice-president: Rick Besner**  
**Treasurer: Roger Belanger**  
**Secretary: Mike Cafferky**  
**Field manager: ?**  
**Events: Jack Dikland & Merv Blizzard**  
**News editor: Frank Reaume**  
**Safety Officer: Taylor Pratt**

The March meeting was held at Minimax, with 12 members present.

- The treasurer's report was presented and adopted.
- The club has decided to set aside a contingency fund for future use.
- There is one remaining indoor fun fly at the Alexandria Dome scheduled for March 26.
- The main gate requires repair come spring. A workday is scheduled for May 14 to get equipment in shape for the summer, roll the field, over seed the western area, etc. Volunteers would be appreciated.

- The club is planning a build day on April 23 at Rick Besner's home, to assemble several Flite Test aircraft. People who wish to assist in cutting the foam for these models should join Karl at his home on the evening of March 21.
- The club intends to purchase a solar panel and inverter, to go with some large 12v batteries being supplied by Denis Poirier, in order to fabricate a source of electric power for charging, starting machinery, etc. This arrangement should cost somewhere around \$500 to complete.
- The last chili fly of the winter season will take place on April 2.
- The club has learned that a large solar farm will be installed in the cornfield just east of the CN tracks. This installation will be only 1000 feet from the end of the runway, and will be completed by 2019. As a result, the exec will take the following action: (a) consult with MAAC over the insurance implications (b) implement a strict but enforceable no-fly zone procedure for the east end of the field and (c) consider implementing some sort of monitoring device, remote camera, spotters at main events, etc.

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The club is now accepting 2016 dues, so send your payment to the Treasurer as soon as possible.

In accordance with our club bylaws, you must be a paid-up member by no later than March 1/2016 in order to use club facilities.

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## FAA REGISTRATION

On March 1, the following notice was posted on the MAAC website, offering advice regarding FAA registration of model aircraft:

**It is our understanding that FAA does require "foreigners" to register.**

**"with respect to those individuals who do not satisfy the citizenship requirements and yet wish to conduct model aircraft operations in the U.S., the Secretary has determined, consistent with Article 8, and the authority under 49 U.S.C. 41703, as implemented in 14 CFR part 375, that it is appropriate to allow these operations to occur provided that individuals complete the process set forth in 14 CFR part 48.**

However it has been reported that Canadians cannot complete the online process. You can contact FAA at [UAShelp@faa.gov](mailto:UAShelp@faa.gov) . You will likely be sent hard copy paperwork to fill out.

Accordingly, your editor decided to send an email to the above-noted FAA site, specifically requesting the necessary paperwork (either hard copy or PDF file) to facilitate registration. A day later, the following bureaucratic boilerplate was e-mailed to my home:

**2016-03-04 06:42:28 PM EST - Wehrmeyer, Brian** Additional comments

**Thank you for your inquiry. Everyone, including foreign nationals and tourists, who operate a UAS for hobby or recreational purposes outdoors in the U.S. must use the FAA's online registration system. These non-U.S. citizens or non-permanent U.S. residents will receive the same registration certificate as U.S. Citizens or permanent U.S. residents. However, this certificate will function as a "recognition of ownership" document. This document is required by the Department of Transportation for these foreign nationals to operate legally in the US.**

**In order to use the online registration platform, you must be located within the U.S. or its territories or possessions.**

**At this time, the registration system cannot accept foreign addresses,**

**although it is expected to in the future. For the next several weeks, a person with a United States address must register the small-unmanned aircraft on your behalf and provide their address and payment information. The FAA will assume a bailment agreement exists between you and that person in this instance, as referenced in 14 CFR 48.25. Ref:MSG1504993**

Based on the above, it seems that the FAA is not yet ready to accept paperwork registration by foreigners. According to the Canadian r/c forums, not a single Canadian flyer has yet been successful in registering with the FAA. So, it appears that we will have to wait till the FAA website is updated to permit access to non-U.S. citizens. How long this will take is anyone's guess!

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The club held a few indoor flying events over the past few weeks at the Tim Hortons Dome in Alexandria.

Those who came out to enjoy the facilities had a great time.

Shown below are a few pix of the participants. There are several more photos and short videos of the event on the club's Facebook page.



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## **RC items of interest:**

Pilots who dabble with giant scale aircraft, and/or helicopters, usually try to keep the wiring in a manageable state, so that there is less chance of wires becoming tangled and/or flopping around, etc.

One of the best ways to accomplish this goal is to modify existing servo leads, or simply make your own, cut to the proper length.

This is best done with a few key items – a ratchet crimper, some 22-gauge wire, and servo connecting pins.



These items are not very expensive, and are available from suppliers such as Thunderbolt RC in Windsor, ON as well as various US stores such as Servocity.

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A new high power dual output battery charger is now available from Revoletrix.



New GT SERIES Dual Channel 500W per channel, 1000W total Battery Charger. Includes EC5-equipped input cables. Standard JST-XH balance ports, 128 x 64 pixels graphic LCD's with LED backlight, embedded PC USB support and free PC Software.

The GT500DUO will charge, discharge, store, monitor, or multiple-cycle any current or future battery chemistry.

Native support of JST XH balance connectors allows direct connection of 1s-8s LiPo & LiHV Batteries per channel without requiring any adapters.

0.1mohm voltage resolution allows accurate four-point internal resistance measurement of each cell.

Environmentally friendly, regenerative discharge capability per channel of up to 500W and 50W internal discharge capability that is non-regenerative. Priced at \$299 USD.

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Thunderboltrc in Windsor is now a dealer for Flex Innovations products, designed by former world champion Quique Somenzini and Top Gun pilot Dave Ribbe. Aircraft designed by QQ and the Aura 3-axis gyros are now available from a Canadian source.

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Hobbico has just announced that they have set up a website which will feature videos on all sorts of r/c subjects: tips & tricks, new products, fpv, drones, etc. Their aim is to upload at least one new video each day.

Check it out at: [www.keepitrc.com](http://www.keepitrc.com)

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