



Cornwall Aero Modellers

NEWSLETTER

January 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 January meeting was held at Minimax, with 12 members present.

- The treasurer was unable to attend.
- Everyone agreed that the Christmas dinner was a success.
- The annual mall show at Cornwall Square will take place on April 30.
- The club is considering having a booth at the summer Rib Fest, to promote the hobby.
- Discussions will be held with the Alexandria Dome manager to determine the feasibility of indoor flying.

- The club is planning a build day at Rick Besner's home, to assemble several Flight Test aircraft. Date not yet decided.
- We have been invited to fly small electric planes at an outdoor event in Long Sault this summer.
- The main gate at the field needs repair, so for the time being, a chain and lock will be installed at the entrance.

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A few Swap Meets are coming up in the near future:

1) The St Lawrence zone is holding their annual swap meet at Ecole Arc-en-Ciel in Ste Julie on January 30, 2016.

2) The Ottawa RC Club will hold its annual auction at the McNabb center on February 2, 2016.

3) The Kingston RC club will hold its annual auction swap meet on February 13, 2016, at the RCAFA building adjacent to the airport.

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

If you plan on flying indoor or outdoors after December 31, 2015, it is imperative that you renew your MAAC so that you will be properly insured.

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The FAA in the United States has recently decreed that all small UAS vehicles (including model airplanes, helicopters, gliders, multicopters, etc) which weigh more than 250grams, and less than 55 lbs., must be registered with the feds, and display the registration number on the flying machine.

At last word, the AMA is very dismayed at this overreaching measure, and is continuing to negotiate with the FAA to lessen the burden on AMA members.

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### **RC items of interest:**

FrSky, the company that manufactures the amazing Taranis radio, has recently unveiled their latest product. It is the Horus X12S radio, which debuted at the AMA convention in California last week.

Some of its features include:

- All CNC gimbals with hall sensors
- Inbuilt GPS module
- Inbuilt wireless trainer system
- Inbuilt 6-axis sensors
- Audio speech function
- Full telemetry and data logging
- 16 channels
- Receiver match
- External module bay
- MP3 player
- Haptic feedback
- Full colour screen



It is rumored to cost about \$500.

It will utilize the Frsky menu system, but will be able to incorporate OpenTX software at a later date. Bring it on!

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The Aura airplane gyro is now available from both Flex Innovations and Falcon Hobby Supply at \$99 USD. Initial reports from early users indicate that it this gyro works very well, both in electric and gas machines, and is especially suitable for pilots flying with Spektrum and Futaba radios.



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For people who dabble with helicopters, a company in New Zealand (Soko Heli) has developed a great new tool to assist in setup. It is now on the market and available from many dealers.



The Soko Kit is the tool for a precise, easy and fast setup of

- **swash plate level** (at all pitch angles)
- blade tracking
- collective and cyclic pitch angle
- servo mid and end points
- fine tuning of linkage length
- center of gravity
- absolute horizontal (spirit) level of helicopter
- pitch angle of the tail blades
  
- for **all** helicopter **sizes**
- for **all** helicopter **brands**
- with a resolution of 0.1 degree

More information is available at the Soko website:

[www.soko-heli-tools.com](http://www.soko-heli-tools.com)

The company also provides a free app for IOS and Android devices.

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Jeti will be releasing their latest and greatest radio, the DC-24, within a few weeks:



Among its many features is a first for the RC market:

The tx has a microphone that will allow the user to record voice messages. It will also allow the user to utilize voice commands (i.e. “flaps down”, “ gear up” , etc.) to activate various functions on the model, without the need to flip a switch.

The user can also program different haptic feedback on all four of the main gimbal sticks, to provide warnings of low battery power, engine overheating, etc.

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