

Cornwall Aero Modellers

NEWSLETTER

January 2015

Club Executive

President: Karl Kingston
Vice-president: Rick Besner
Secy/Treasurer: Roger Belanger
Field manager: Wade Flynn
Events: Jack Dikland & Merv Blizzard
News editor: Frank Reaume
Safety Officer: Taylor Pratt
CFI: Karl Kingston

The January meeting was held at Minimax, with 9 members present.

- The treasurer's report was adopted as read.
- The entrance to the field has been cleared of snow.
- A suggestion was made that the website be amended to include a gallery of club member activities.
- Club members have been invited to fly with the Seaway Modelaires at the Norwood NY gym.
- It was suggested that beginners attending the Mall show be invited to the field to experience r/c flying via buddy-box.
- Jack Dikland invited members to his home to build models and to lend a hand to beginners in the hobby.

The next club meeting will be held on Feb. 9 at Minimax, starting at 7:30pm.

The club treasurer is now accepting 2015 membership dues, so send in your cheques as soon as possible. Remember that you cannot fly in 2015 without renewing your MAAC membership as well.

The club held its annual Christmas dinner at the Legion on December 20. The weather was not a problem, so attendance was quite good, with 27 people enjoying the festivities



Cliff Morris was honoured for his life-long involvement with the hobby. In addition to the club donating a shiny new TV to Cliff, our treasurer also bestowed a free membership upon him, good for the next 88 years.



Three big auctions coming in the near future:

St. Lawrence Zone swap shop on January 31, from 9:30am to 4pm, at the Cote Saint Luc Recreation Centre, 7500 Mackle Road, Cote Saint Luc, QC

Next is the ORCC auction on Tuesday, February 3, from 7pm-9pm at the McNabb Centre, 180 Percy Street, Ottawa, Ontario.

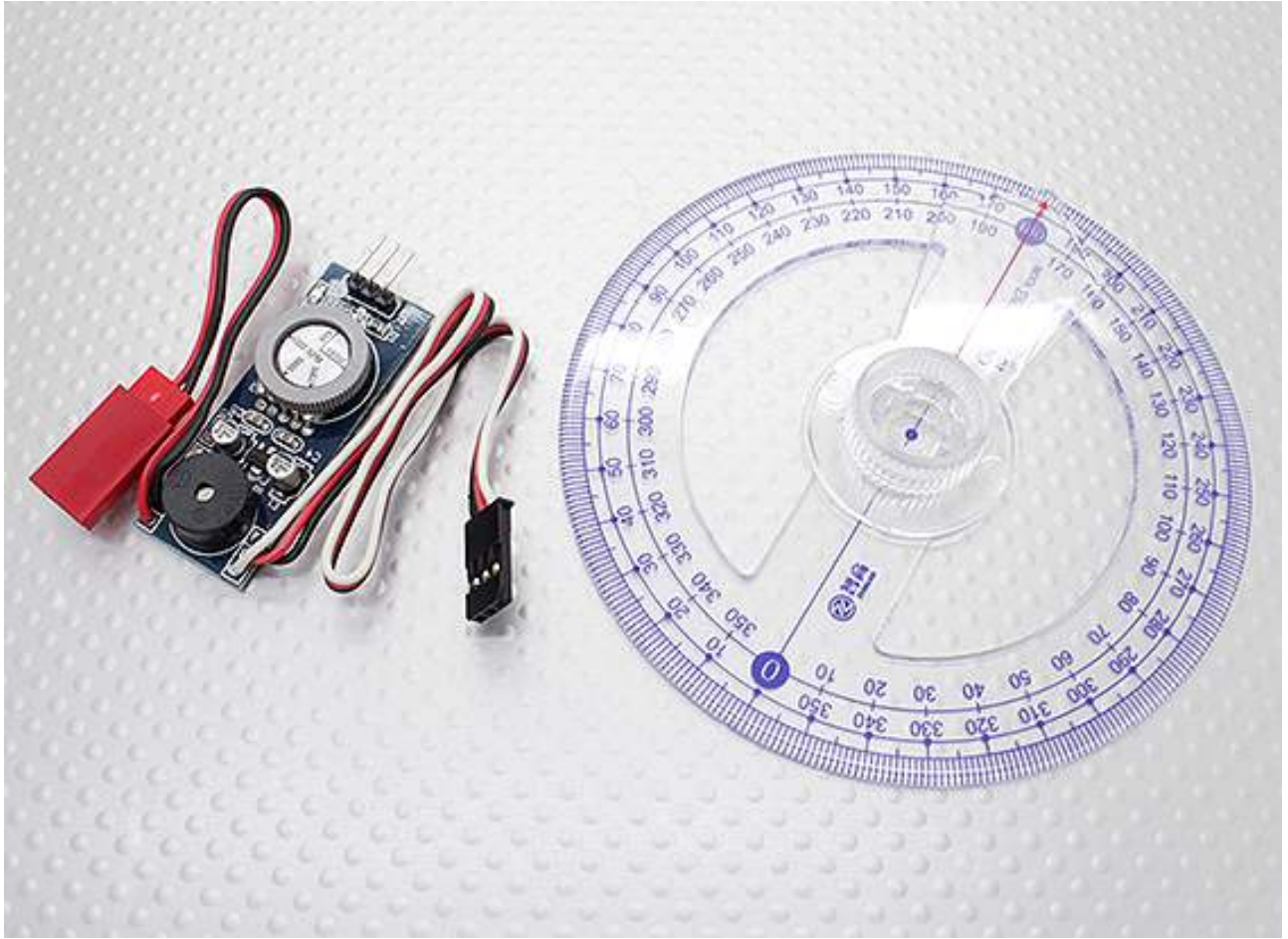
Finally, there is the KRCM auction at the RCAFA Club (at the entrance to Kingston Airport) on Saturday, February 14. The doors will open at 0900 hours for registration. The auction will begin by 1100 hours. Expect to wrap things up by mid-afternoon.

Some members of the ORCC executive are planning to host an EDF jet rally on July 4 at the Iroquois airport. The airport features a 2000'x25' paved runway which should be ideal for these types of models. More information will be forthcoming as things develop.

All of the Ottawa Valley Zone G events for 2015 have been added to the club website. Just click on the "Coming Events" button for information.

Timing & Ignition Tester:

New on the market is this inexpensive yet useful tool for anyone who uses gas powered CDI ignition engines. Priced at \$7, available from HobbyKing.

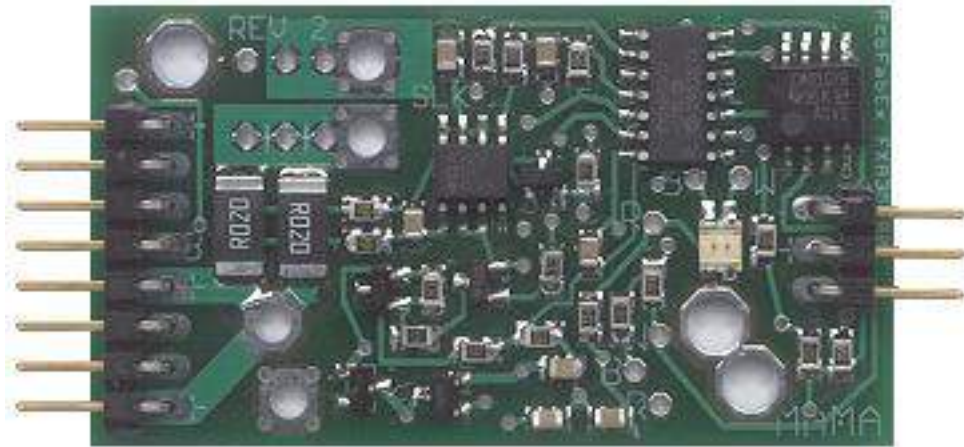


This tester can be used in two ways:

1. It enables the safest possible way to check for interference between your CDI Ignition and radio systems, without the need to have your engine running. The unit fires your ignition system at the rpm you set on the units dial to simulate the ignition as if the motor is running; the units' range is 400-18000 rpm.
2. The unit can also set up for gas engine static base timing, as it includes a crankshaft degree wheel to assist with this task. In this mode the test unit emits a beep at the point where the ignition sensor (Hall sensor) is interrupted and using the degree wheel you can calculate the ignition timing of your engines' piston stroke, allowing you to fine tune your engine for maximum performance.

Fuel Gauge for LiFe Batteries:

Two-cell LiFePO4 receiver packs are excellent replacements for 5-cell Nicad or NiMh receiver packs. However, their flat discharge curve makes it difficult to monitor remaining capacity with traditional voltage techniques. A company in North Carolina, SLK Electronics, has developed a nifty little electronic device known as the Milli-Amp Monitor Analyser, or “Mama” to help you keep track of your LiFe packs. Priced at \$39, available at SLK or at RadicalRC.



Once you perform a charge/discharge cycle, Mama learns the capacity of your battery. A LED delivers blink codes to represent the remaining capacity of your pack based on what you've actually used out of it. Any capacity LiFe 2S pack may be connected to this device.

Specifications:

Constant Current Limit: 10 amps

Current Draw In Use: 5ma

Current Draw At Idle: <100ua

Size: 52 x 28mm, Weight: 12 grams.

Supra X Connectors for batteries, ESCs, etc.

New on the market, featuring a unique patented banana plug lock design, these connectors securely lock in place, and can handle quick movements and vibrations commonly found during extreme 3D flights, without coming apart. These connectors are a great solution for your high current and high voltage demands, offering a large, low resistance surface patch for efficient power transfer. The gold plated bullet plugs feature a recessed wire cavity and solder windows making assembly hassle free, while the sheath can tolerate high temperatures and is impact-resistant. Available in 3mm – 6mm sizes.



These connectors can be ordered from Rotorquest (Canada) or Amainhobbies (USA).

Next shiny toy for any club member who wins the lottery:

JR is finally ready to introduce the world to its opus: the 28X transmitter. As some may recall, this radio system was announced about one year ago. However, after their inspection of each component that goes into the making of the 28X, JR discovered several items that did not meet its standards.

As a result, the rollout was delayed till these problems were resolved. Accordingly, the 28X will finally be in your local hobby shop within a month or two! Suggested retail price is \$2995 (+ tax).

A few of the features of the new 28x:

480x273 pixel Android™-powered 4.3” WQVGA-TFT full-color touch screen features beautiful 16-bit color output.

WiFi/Internet capability allows for easy network connectivity and media/app updates.

Dual processors for unmatched interfacing and RF reliability Patent-pending CNC machined aluminum gimbals are ball bearingsupported and fully adjustable, with integrated stick shaft dials Jaw-dropping 65,536 step stick resolution is 16 times more precise than any R/C transmitter ever made to date.

4GB internal memory, with 512MB RAM.

Removable, customizable shoulder switch plates can be configured to virtually any combination of switches.

Fully customizable user interface allows users to set wallpaper, colour schemes, and notifications to personalize their radio.

Heavy-duty cast aluminum chassis provides unparalleled strength.

28 channels in 16 proportional + 12 binary configuration.

Integrated USB host controller and USB device port for seamless data interfacing and PC connection.

External SD card slot for unlimited model, picture, sound, and telemetry data storage.

Customizable audio and vibrate controller for voice, music, telemetry, and warning notifications.

Push-button power switch virtually eliminates accidental powering on/off
Removable antenna for safe storage when not in use.

