

Cornwall Aero Modellers

NEWSLETTER

March 2017

Club Executive

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

The monthly meeting of the club was held on March 13th at Minimax.

- The financial report was presented and adopted. The club will set aside a “rainy day” fund of \$1K.
 - Approval was given to print membership cards for each member.
 - The proposed club rules will be reviewed at a future meeting.
 - The constitution will be amended, subject to a future vote, to permit the treasurer to spend up to \$200 without membership approval.
 - March 25 will be the final indoor flying event at the Dome. Those attending will attend a season-ending supper at a local restaurant.
 - Nick reviewed the duties of the members who will be promoting our club at the high school Science Fair on April 1.
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Please remember that club dues should be submitted no later than March 31. **No dues = no flying at the club field.**

Transport Canada has released their latest “Drone” rules on March 16/2017

<https://www.tc.gc.ca/eng/civilaviation/opssvs/flying-drone-safely-legally.html>

Please read, these are not guidelines but legal requirements!

Here is a small portion:

Do not fly your drone:

- higher than 90 m above the ground
- closer than 75 m from buildings, vehicles, vessels, animals, people/crowds, etc.
- closer than nine km from the centre of an aerodrome (any airport, heliport, seaplane base or anywhere that aircraft take-off and land)
- within controlled or restricted airspace
- within nine km of a forest fire
- where it could interfere with police or first responders
- at night or in clouds
- if you can't keep it in sight at all times
- if you are not within 500 m of your drone
- if your name, address, and telephone number are not clearly marked on your drone.

The list above is an overview of the new rules for recreational drone users. Consult the [*Interim Order Respecting the Use of Model Aircraft*](#) for the full list of provisions.

Members of the [Model Aeronautics Association of Canada \(MAAC\)](#) who operate at **MAAC sanctioned fields or events are not subject to these rules.**

Just in case someone in the club is using this equipment, take note:

Spektrum PowerSafe Telemetry Receivers

(SPMAR9130T / SPMAR12300T / SPMAR20300T)

Horizon Hobby, LLC has been made aware of some issues with the AR9130T, AR12300T, and AR20300T PowerSafe Receivers. In certain circumstances, these issues may provide inadequate power in the SRXL port and may result in a crash.

Discontinue use of the product immediately, and contact Horizon Hobby for advice on how to return the product for a full refund.

New Radio – Mikado Vcontrol

Mikado is the firm that first introduced a flybarless controller for r/c model helicopters.

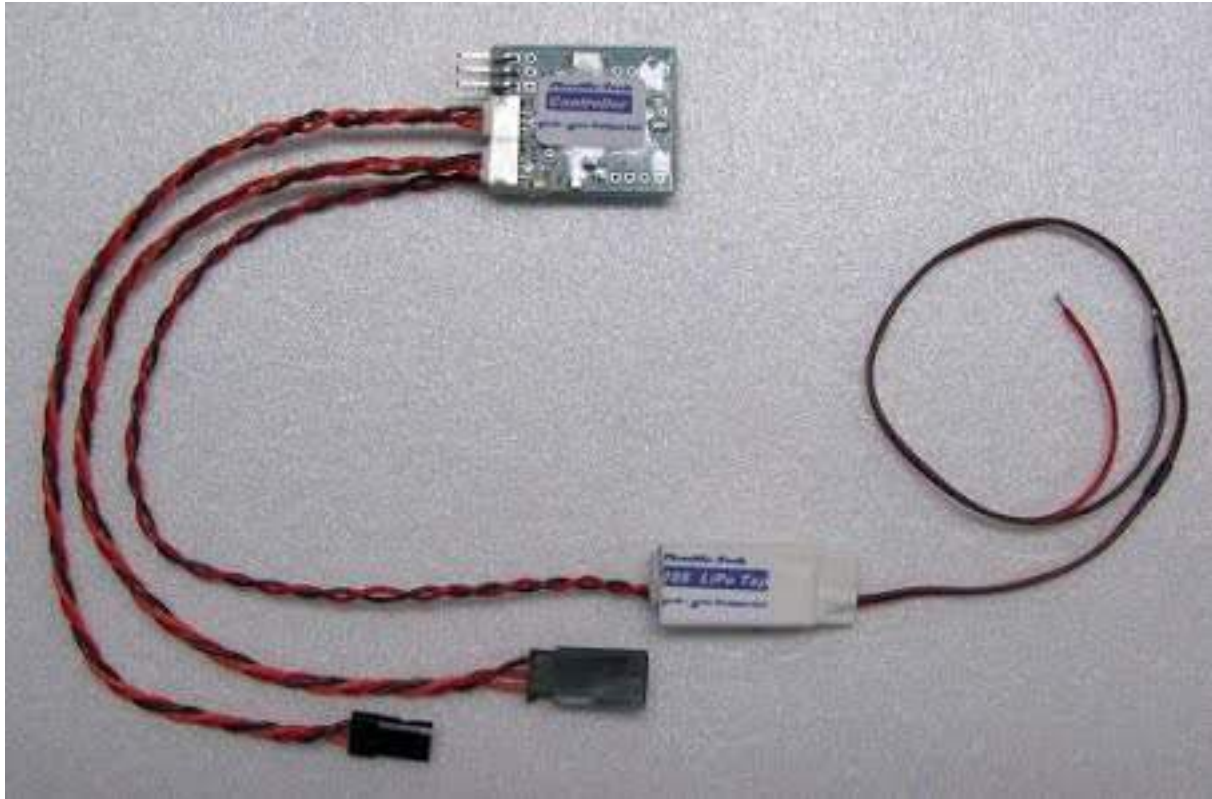
They have recently introduced their own custom transmitter (the Vcontrol), which, along with the Vbar receiver, can make the setup of a helicopter very easy. All the parameters can be adjusted solely by the transmitter, thus eliminating the need for a PC, smartphone, or tablet to program the FBL controller.

Now, in addition to helicopter software, Mikado has developed their Vplane software that can be downloaded to their Vbar receiver. This offers full 3-axis gyro stabilization of an airplane and, as you might expect, the gyro can be programmed directly from the transmitter.



The VControl transmitter retails for \$750 USD

Another nifty gadget for people that fly electric powered aircraft:



The Throttle-Tech system combines a Lipo battery voltage tap board and a microcontroller board. Together, they apply a compensation factor to the throttle commands from the receiver to the ESC, based on continuous analysis of voltage readings taken at the battery supply to the ESC. Throttle-Tech provides consistent and smooth throttle response for the full range of throttle movement throughout the useful charge of the Lipo powering the ESC and the propulsion motor.

Extreme Flight RC has just released the brand new 52" Slick 580 EXP. Using a mix of balsa, light ply, carbon fiber and G10 composites the Slick is extremely light weight for its size and built to take all the high G punishment you can throw at it.



Extreme Flight 52" Extra 300 EXP, the new Slick 580 EXP was designed around the Xpwr 3910 and Airboss 80 Amp ESC power combo. This powerhouse combo delivers maximum performance and reliability for this class of model using a 4S 2500-3300 mah battery and a 14x7-15x7 electric prop.

The 52" Slick 580 EXP sells for \$239.95 and will be offered with several money saving options including a combo with the Xpwr/Airboss power system.

- Wingspan: 52 inches
- Length: 51.5 inches
- Wing Area: 565 square inches
- Weight: 3.75-4 pounds



