



Cornwall Aero Modellers

NEWSLETTER

December 2016

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: Taylor Pratt

The December meeting was held on the 12th at Minimax.

- The treasurer's report was presented and adopted. The club ended the 2016 fiscal year with a healthy bank balance.
- Upcoming events include the Christmas dinner on December 17, the indoor fun fly at the Dome on January 7, and the chili fly on January 21. These and other events are listed on the website's Event Calendar.
- Good news from Cornwall city hall. They have renewed our lease for another 10 years.
- The club's annual general meeting is scheduled for January 16, at which

time the 2017 executive will be elected. Please note that the club needs a member to volunteer for vice-president.

- The charging station will be examined to determine if the batteries are being overcharged. There is also a possibility that a charging outlet may be installed inside the clubhouse.
- After some discussion, members agreed to designate the area just beyond the southwest fence line as the helicopter practice area for those who wish to take up this facet of the hobby.

The club treasurer is now accepting dues for the 2017 season. Please remember that the dues should be submitted no later than March 31.

Also, any member who wishes to fly outdoors at the field, or indoors at the Dome, after January 1, 2017, must have his MAAC membership renewed prior to that date, in order to be covered by proper insurance.

Graupner has introduced an improved model of their MZ-24 radio. It is now called the MZ-24 PRO, and offers a few new features. Priced at about \$500 USD.



- 3.5-inch TFT (thin film transistor) color and touch screen
- Twelve programmable proportional channels
- Fourteen wing types for airplanes and sailplanes
- Eight programmable mixers, five linear and three curve mixers
- Flight phase assignable and programmable voice switches
- Six flight modes with voice announcements
- Wide range of sailplane programming
- HoTTSync for exclusive and safe operation of models
- Included receivers provide telemetry functions to warn against system failure. Telemetry ESCs, modules and sensors are required and must be purchased separately

Thirty model memory

Three channel servo sequencer allows setting up of events like retracting landing gears and opening/closing of gear doors with the toggle of a switch, or setting a logical switch

Wireless student and teacher mode

Selectable frame rates of 10ms or 20ms

Multi receiver binding for expansion and system redundancy

User adjustable mode selection (1, 2, 3 or 4)

MP3 player (uses SD card up to 32 Gb)

5000mAh LiPo battery

Support for digital SUMD or SUMO (PPM) outputs for third party
Controllers

Comes with two receivers

Two-year warranty through Graupner beginning at date of purchase

Since the club is going to set aside an area for helicopter novices to practice hovering, there may be some members who may be interested in getting started with a collective pitch helicopter, Blade has recently introduced the 230S with “Safe” technology. This would be an ideal machine on which to learn the basics, since the operator has the ability to recover from difficult circumstances by simply flipping a switch.

It offers beginner, intermediate, and expert modes to enable the user to progress through levels of difficulty.



- Fully assembled, no building necessary
- SAFE[®] technology makes flight with a collective pitch helicopter easier

- Stability mode delivers the comfort of self-levelling and bank limits
- Progressive flight modes help your aerobatic skills build quickly
- Panic Recovery mode can recover the heli to a level attitude
- Brushless main and tail motors for great power and response
- Impact resistant ABS main blades
- Tough, yet lightweight airframe
- Spektrum™ AR636 DSMX® receiver with AS3X® heli technology (installed)
- Durable, digital high-speed metal gear cyclic servos (installed)
- E-flite® 800mAh 3S Li-Po flight battery and charger (included)
- 5–6 minute flight times

Available at most hobby shops for about \$350 CAD

Electric flyers that require several same-size lipo packs for indoor flying, helicopter practice, etc. can overcome the long delay associated with charging these batteries by using a parallel board such as that shown below:



The perfect marriage of safety and convenience, these new safe parallel boards are ready to make charging hassles a thing of the past.

The board comes fully fuse protected, with 40A blade fuses on the main circuit and self-resetting polyfuses protecting your balance plugs. The board can handle packs from 2S-6S and is capable of charging up to four packs at once with a maximum total charge rate of 35A. Need to charge more packs? Simply daisy chain multiple boards together and there's no limit to how many you can connect.

With both main and balance cables included to connect to whatever charger you're using, this is a true plug-and-play solution. Of course, a suitable charger, capable of delivering the necessary amperage to charge up to 4 packs simultaneously, is required.

