

Cornwall Aero Modellers

NEWSLETTER

February 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 February meeting was held at Minimax, with 15 members present.

- The treasurer presented the 2015 annual report, and gave everyone an update on the official incorporation of the club, effective January 22, 2016.
- The club voted unanimously to approve the new club bylaws.
- The club has rented the Alexandria Dome for a few sessions of indoor flying. Dates are Feb 27, March 5, and March 26.
- A proposal was made to have the club operate a bingo at GSD lodge, but the members decided to forego this project.

- The club is planning a build day sometime in April at Rick Besner's home, to assemble several Flight Test aircraft. Date not yet decided. Those who wish to build an airframe are requested to have all the electronics on hand prior to build day.
- 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.
- Show and tell was quite interesting, with Karl K. displaying his Flite Test foamy Simple Storch, Jack D. showing photos of his Sopwith Camel under construction, and Nick M. displaying a scale model of a Romanian IAR-81C fighter.

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.

RC items of interest:

Spektrum has announced two new products of interest to the R/C community:

- 1) A brand new radio - the DX 20 - is about to be released.



Features:

Carbon fiber front case

Machined-aluminum, quad-bearing gimbals

20 fully-proportional channels

250-model memory

Voice alerts

Wireless trainer link

Independent multi-engine control for airplanes

ProTrim in-flight adjustment of rates, expo, mixes and differential

Built-in telemetry with vibe or voice alerts

Airplane, helicopter, sailplane and multirotor programming

Throttle start or switch start timer

16 programmable mixes

Flap delay and elevator compensation
4000mAh LiPo transmitter battery

Horizon Hobby lists it at \$1300 USD which seems to be a bit steep for what appears to be an updated DX18 radio.

- 2) Jumping into the gyro market, Spektrum has developed a new device that they claim will work with any radio! It will be marketed as the “Alpha-6”.



Features:

Works with most any manufacturer's receiver

Ideal for everything from .40-size sport models to giant-scale aircraft and jets

Can be used with or without the free programming app

Multiple input/output connections for individual servos

All aluminum case

Horizon Hobby lists it at \$180 USD, which is more than the Aura but less than the Cortex/Igyro3e.



Electric power fans should note that Hobbyking has begun selling a new type of lipo batteries under their Turnigy label.

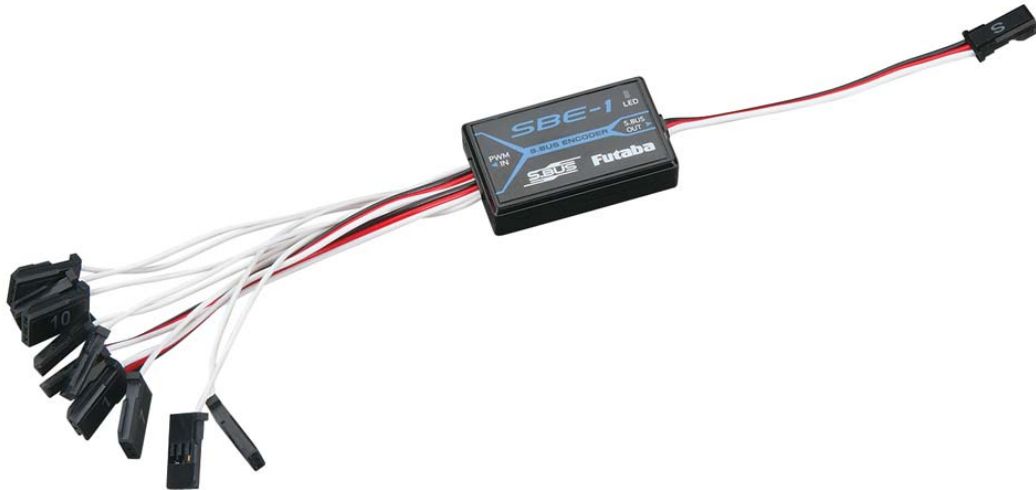
These batteries will utilize a new chemistry call Graphene, which promises to produce less heat, and to lower the internal resistance of the cells.

Initial reports indicate that these batteries are slightly larger in size and a bit heavier than standard lipos, but that their performance appears to justify the hype. They are priced competitively with normal lipo batteries.

Many manufacturers are now coming onto the market with 3-axis gyro stabilizers for model aircraft. These devices are similar to the flybarless controllers that are now widely used by the helicopter crowd.

Most gyro controllers feature an s-bus input, which makes the connection from receiver to controller very simple, as a single servo lead is all that is required. However, for those flyers that don't use Futaba equipment, the s-bus feature is of no use.

Well, Futaba has come to the rescue by marketing a device that can connect to any standard receiver with up to 10 channels of standard PWM output, and convert these signals to the s-bus format.



Shown above is the SBE-1 converter, which lists for \$60 USD.



Some of the very best indoor flyers and aircraft will be competing for a spot on the 2017 F3P team at an upcoming contest.

Spectators who would like to view the contest should mark this date on their calendar:

The 2017 F3P Canadian team trial will be held in Cobourg, Ontario on March 6th, 2016.

Address: Cobourg Community Centre 750 D'Arcy St, Cobourg, ON K9A 4B4

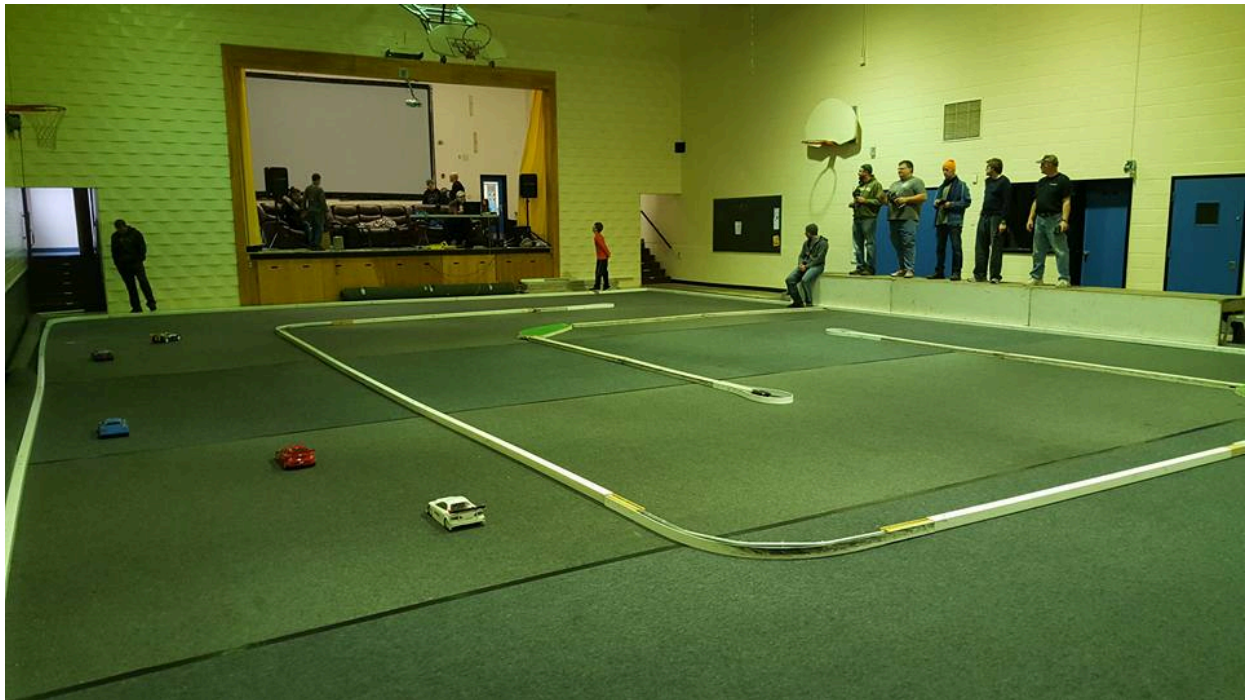


Here is a nice 85-gram model (balsa & mylar) that is typical of the planes that will be flown at the indoor trials in Cobourg next month.

For modellers seeking an outlet closer to home for their competitive juices, R/C car racing is something to consider. It certainly keeps your hand/eye co-ordination in peak condition.

There is a large car racing club in Ottawa, who recently lost their indoor track, and were forced to find another venue to continue racing over the winter months.

Fortunately, they discovered that the gym at the Maple Ridge Community Center (a former high school) in Chesterville is available for rent, and so, will be racing there every two weeks throughout the rest of the winter. Feb 14 and Feb 28 are the two confirmed dates for the current month, so if anyone wants to see r/c car racing at its best, drop by the center between 11am-4pm and watch the proceedings.



As you can see from the above photo, the gym is large enough for a track, and the racers are quite pleased with the locale. The Ottawa club runs races for several different classes of cars, from beginner to expert, and newcomers are welcome.

The Maple Ridge community center is located at 12820 Highway 43 East, just a short distance east of the town of Chesterville, and adjacent to North Dundas Secondary School. It is about 60 km from downtown Cornwall, for those who want to make the trip.

For further information on the car club, visit their website at:

www.rcottawa.com

and have a look at the “RCO ON ROAD” forum to check on upcoming events.
