



Cornwall Aero Modellers

NEWSLETTER

June 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 June meeting was held at the club field, with 18 members present.

- The treasurer's report was adopted as read. Looks like we are up to 37 members now.
- The field manager advised that the club needs a weed-whacker. Members Roger B. and Gil B. will be donating one each.
- Since the club isn't allowed to stake down the tent at the float fly, Rick B. will be providing cinder blocks for this purpose.
- Several club members will be assisting the ORCC at the "Jets over Iroquois" rally in July.

- The 30cc Citabria, left over from the Indoor event, will be raffled at the fall Float Fly.

With summer upon us, monthly club meetings will be held at the field.

Thanks to the efforts of a few club members, a new “welcome” sign, shown below, has been set up at the entrance to the field.



Note concerning model aircraft powered by gasoline engines:

As many of you know, one of the largest gatherings of giant-scale airplanes takes place each spring at the Joe Nall event, located at the Triple Tree Aerodrome in Woodruff, SC.

The 2015 Joe Nall event recently concluded, and the contest directors have now realized that the noise generated by gas-powered aircraft has gotten out of hand. To ensure that their site will continue to be used by modellers in the years to come, they have announced the following:

“To prevent ANY possible problems with our current and future neighbors, Triple Tree will require, beginning with Joe Nall 2016 to be “neighbor friendly”. Canister mufflers, three blade props, “soft mounting” of engines, and less than full throttle passes can all be utilized to make our models more environmentally friendly and will be a requirement for Joe Nall 2016.

Mr. Pat has donated this incredible facility to all of us modelers. We, as a group, have the responsibility to ensure it will be here for many generations to come. We cannot allow noise to be the demon that kills the golden goose. Plan ahead now to get any “prop ripping” models quieted down for Joe Nall 2016. **We will have noise monitoring equipment on-site and will, for the first time, be monitoring sound levels. Gross offenders will be asked to terminate flight of any model exceeding AMA suggested noise guidelines.** We must proactively reduce our noise footprint to ensure the long-term survival of “The Home of Fun, Fellowship and Hospitality”. Thanks in advance for your help with this important issue.”

So there you have it! Either people take steps to reduce the noise produced by their models, or they will not be allowed to fly next year at Joe Nall. It doesn't take much imagination to realize that this “quiet” trend will be spreading to all sorts of contests and fun flies in the near future.

Nearly 25 years ago, the Precision Aerobatics pilots, who fly what are commonly called “pattern” ships, changed the flight routine to bring in a turnaround pattern, reducing the footprint over which the planes fly, and also instituted severe noise regulations in an effort to preserve flying fields. Today, this group is still going

strong, and have even discovered that quiet electric-powered pattern ships fly as good as the methanol variety.

It also appears that the directors of IMAC are looking seriously into noise reduction at their contests as well. So, the time has come for modellers to study and incorporate the various techniques available to further his goal.

Taranis Radio:

A few years ago, a company called FrSky brought out a remarkable radio, the Taranis, developed around open source software, and available at a very reasonable price. Several months ago, the updated Taranis Plus came on the market, using version 2 of the OpenTX software.



Some of the main features:

Full Telemetry RSSI alarms (warns you of signal reception problems before disaster can strike)
Haptic Feedback - vibration
16 channels
60 model memories
64 mixers, 9 flight modes
16 custom curves with 3-17 points each, 32 logic switches
Voice or custom sound alerts
USB and SD card slot for system expansion
Quad bearing gimbals
Real-time data logging
2000mah Tx battery
JR Style module bay for additional RF modules
2 timers, count up or down, throttle %, talking, etc.
Trims - Adjustable from course to extra fine with extended and exponential trims
Integrates with CompanionTX – a FREE (Mac or PC) computer program that is used to set-up models with the wizard, edit settings, as well as simulate your Tx or model setup.
Open source community-driven firmware. Visit <http://www.openrcforums.com> to meet the developers!

There is a wide range of “how-to” videos on Youtube, devoted to showing a new owner just what the Taranis radio is capable of doing. Go to the Youtube site, and search any one of the following:

- (1) R. Scott Page taranis
- (2) Painless360 taranis plus

There are also 4-5 forums dedicated solely to this radio on RCGroups.com
The Taranis radio requires the user to be fairly computer savvy, so keep that in mind.

A detailed description of OpenTX can be found at www.open-txu.org

The Taranis Plus combo (transmitter, 8-channel receiver, and metal case) can be purchased from a dealer in the Toronto region,
www.canadadrones.com

for \$300 CAD, which is comparable to U.S. pricing. Additional receivers and related equipment is also available from this source. The U.S. distributor is www.alofthobbies.com

who also stocks a wide range of accessories for this radio.

