

## Special points of interest:

\* *John Chorak has come out to fly and found gate unlocked. We need to make sure when leaving lock it properly thru the COMED lock and mix the numbers up!*

Next meeting Aug 16 2017 @ 7 pm

Bring a plane to fly.

# Streator Rc Flyers

August 2017 Newsletter

## Streator RC Flyers

## GAS vs. Electric Power

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So there are always disagreements in the gas vs. electric rc flying battle. As always these are only personal thoughts on the topic and shouldn't be taken as black and white. Also, there are always going to be very different situations and exceptions to the rules, depending on the size and style etc. of a particular plane, but the above guidelines are a fairly accurate generalisation.

Modern radio control products like **brushless motors** and **lithium polymer** battery packs have turned the electric side of the hobby around, to the point where top-end brushless/Li-Po powered rc aircraft can match an IC powered equivalent for performance and duration. That was unthinkable not that long ago.

Traditionally at rc flying club fields you would have seen a larger number of gas rc airplanes and very few - if any - electric ones. But these days, go to an rc flying club and the mix of gas and electric planes might be 50/50, or maybe even more electric than gas.

Of course, gas rc flying continues to be enjoyed by many modellers and always will be, but there is a rapidly growing percentage of flyers that have moved over to electric flight, or at least flying electric planes and helicopters alongside their IC powered ones.

And, importantly, some major manufacturers of glow plug engines (the mighty OS, for example) have started producing quality electric brushless motors and electronic speed controllers, so that says a lot about how far EP has come!

Hopefully the above points can help you choose which type of powered rc aircraft to go for... gas or electric.

To round off, my 4 **bottom line thoughts** are:

- **If your budget is tight, go electric.**
- **If you intend flying in public spaces, go electric.**
- **If you want to self-teach, go electric.**
- **If you love engines, go gas!**

# New Product Releases

Aug/Sept 2017

FMS is proud to announce the 1700MM FMS F7F-3 Tigercat to all FMS fans. The production will be ready in late of December 2016 and released in the market in early January 2017. Here are some features that come with the model. We will keep you updated on the news and if you have any question about the 1700MM F7F, please leave a comment below and we will reply on time.

1. The CNC processed shock-absorbed metal front and rear landing gear
2. The latest retract with overcurrent protection
3. True ratio airplane with rivets over the entire airframe
4. Multi-connector for one-step installation
5. The latest high-brightness LED set
6. 99% Scaled appearance with scaled plastic parts throughout the body, e.g. the landing gear door, bomb, engine...
7. 5 optional color schemes

MAP PNP \$549.99



#### POWER CONFIGURATION

The power system utilizes twin 4250-KV440 outrunner motors, twin 60A ESC (with 10A UBEC) providing surging power for scaled aerial combat maneuvers when coupled with a 6S 5000mAh 45C battery.



#### Scaled Control Surface

Built-in hinges make it infinite close to the structure of the real plane.

#### THE MOST ACCURATELY SCALED LANDING GEAR SET WE HAVE EVER CREATED

The Tiger Cat features the latest locked-rotor mode E-retract system with overcurrent protection, the refined scaled CNC-processed metal landing gear set for resisting those not-too-perfect landings. A 62mm diameter front wheel and 84mm diameter rear wheels for taking off and landing on both paved and grass surfaces.



#### THE MOST ACCURATELY SCALED DETAILS WE HAVE EVER CREATED



CNC-PROCESSED SHOCK-ABSORBED METAL LANDING GEAR SET

Wingspan	1700mm/ 66.9in
Overall Length	1484mm/ 58.4in
Flying Weight	Around 5200g
Motor Size	Brushless 4250-KV440 x 2
ESC	60A x 2 with 10A UBEC
Servo	7 x 13g metal analog, 5 x 17g metal digital
Radio	6 Channel
CG (center of gravity)	70-80mm(From Leading Edge)
Prop Size	14*8, 3 blades propeller
Recommended Battery	Li-Po 22.2V 5000mAh 45C

# New Product Releases

Aug/Sept 2017

## Features:

1. 90mm EDF with a brushless 3546-size, 1900Kv motor
2. High-quality Predator 130A ESC with 10A external UBEC
3. Durable, all-metal shock absorbing electric retracts
4. Wide-track landing gear with large wheels for grass or paved field operation
5. 12-blade EDF sound delivers an enhanced jet experience
6. 6-Channel control with functional flaps
7. Metal-gear servos provide precision and reliability
8. Plug-in wing multi-connector makes assembly and disassembly simple
9. New ball-style control horns and linkages for greater precision
10. Easy, bolt-together assembly—no glue required
11. Vivid trim scheme with environmentally friendly water-based paint



The exciting FMS 90mm Super Scorpion takes inspiration from our popular 70mm version to bring you a larger jet with all the benefits “going bigger” can provide. The result is a feature rich rocket ship that’s easy to handle whether you just want to cruise around or shoot through the sky like a speeding bullet. Functional flaps increase your flight envelope even further. Wide-track landing gear offers stable ground handling and is enhanced with the incorporation of all-metal, electric retracts that include shock-absorption and large wheels for smooth operation from paved or grass airfields. All eight control surfaces are individually linked with a dedicated metal-gear micro servo. Plus, you’ll enjoy the precision and adjustability of ball-link equipped linkages.

The FMS 90mm Super Scorpion bolts together quickly; no glue required. Of course the lightweight construction with EPO means you can also count on a high-level of durability and performance. The power system utilizes a sweet-sounding 90mm 12-blade EDF system driven by a 3546-1900Kv brushless motor and 130A ESC combination for tremendous acceleration and speed when coupled with your high-C, 6S LiPo battery. If a twin-tail sport EDF has you excited about jet aerobatics, this Super Scorpion will not disappoint.

Due in Sept 2017 MAP PNP \$444.99

# Special Thanks

Special thanks to Mark Ulinski for his donation to the Warbirds event.

## *August Meeting minutes*

Meeting was called to order @ 7:04

Rob accepted and John 2nd the motion to accept @ 7:08

Treasury report was read @ 7:10 Accepted by Rob 2nd by Chris

As far as old business, Discussed last fly in financial standing from last event.

New business, new member join the field.

Discussed the Zero turn being stolen placing notices about it on several online sites and materials out to other clubs.

Discussed insurance issues and reports being filed for it, Dave and Dale are checking on prices on replacements.

Discussed the options of a asset tracking system for new tractor.

Voted for Zero Turn over regular tractor, Randy and Jim will check Ottawa.

Good for the club, we had a donated MIG 3with all accessories.

Discussed Donated food for next Warbirds event and Ziroli donated a set of plans.

Also discussed plane storage for the warbird event.

50/50 was won by Mike the new member.

Motion to adjourn by Jim and 2nd by Ryan @ 7:28pm