

# Streator RC Flyers

## Spring Edition

Field address

E 15th Rd, Streator, IL 61364

S t r e a t o r   R C   F l y e r s

### Special points of interest:

- May 20 TBM Avenger Flyin Peru Airport

## Spring Fresh Flying

As we all start off the new year flying lets knock the dust off all the planes from winter.

Weather has been on and off for a few months now and some of the braver ones have ventured out to the field.

Lets all practice safe flying and have fun this year.



Randy and one his new planes out for 2017

### Inside this issue:

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## Now you can blacklist airspace over your home.

The private website [noflyzone.org](http://noflyzone.org) allows private property owners to put their house and garden onto a blacklist, which will then be used by several multicopter manufacturers in their firmware to establish no-fly zones and prevent their products from being operated within, or fly over, the blacklisted areas.

This is a lot like what DJI is doing with their hardcoded airport locations and certain locations like the white house now being off-limits and blocked on a firmware level.

Listing your property on [noflyzone.org](http://noflyzone.org) is free, however you have to re-confirm your entry once per year. Strangely enough, the website does not require you to provide

proof of your claim unless you submit more than one. However, you can also whitelist your property and prevent others from blacklisting it again.

Among the manufacturers using the blacklist data are Horizon Hobby, Hexo+ and PixiePath.

It remains to be seen how useful such a list is. Not only are there ways to circumvent the blacklist, but not all vendors and open source projects are on board with this. And to make matters worse, a lot of fly-away situations happen because of sensor issues (like GPS glitches or the DJI Phantom magnetometer design flaw). During such malfunctions, the craft can and will violate pre-programmed no-fly

zones because its navigation is malfunctioning. It feels a lot like "gun free zones". Knowing that this blacklist won't prevent malfunctioning drones, nor drones flown with the intent of violating privacy, nor any government UAVs from hovering over your lawn, we have to ask: What's the point?

## Spring 2017 New Plane Releases

### Carbon-Z Cessna 150 2.1m BNF and PNP

Enjoying a giant-scale flying experience is easier than you might think with the Carbon-Z Cessna 150. Both PNP and BNF versions includes a brushless power system and comes with the servos installed. All you need to do is finish some final assembly, install a receiver or bind it to your DSMX or DSM2 Transmitter, charge a battery and fly.

#### **Incredible Scale Detail and LED Lights**

This stunning reproduction of one of Cessna's most popular aircraft measures 84-inches from wingtip to wingtip and comes loaded with scale details. These include things like pre-installed LED lighting, a shock-absorbing nose strut, fully functional flaps and wheel pants. Other scale touches include molded panel lines and control surfaces that are corrugated like those on the full-scale version.

#### **Wide Flight Envelope**

The inherent stability of the high-wing Cessna design will immediately put newer pilots at ease. Experienced pilots will love the wide flight envelope and abundance of power. Slow and scale flight, lazy 8s, knife-edge maneuvers, rolling circles - it can do it all.

#### **Brushless Power System and Functional Flaps**

The powerful brushless motor is paired with a 60A ESC that can handle a variety of 4-6S 4000-7000mAh batteries so you can make the flying experience as mild or wild as you want. All this available power, along with the functional flaps, gives the airplane impressive short-field takeoff and landing performance, too.

#### **Fast Field Assembly and Hands-Free Servo Connectors**

After initial assembly, you won't need any tools to attach or remove the wings at the field. You don't even have to touch the servo leads. The innovative Hands-Free Servo Connection System automatically plugs in the wing servos and LED light connectors whenever you attach the wing.

#### **Features include:**

A large sport-scale model that can do it all at 83" wingspan

Wide flight envelope - mild to wild

Scale details include LED lights, flaps, wheel pants and more

No tools required for field assembly

Innovative hands-free servo connection system

Two-piece wing assembly for easy transport

Powerful brushless motor with 60A ESC and large battery area capable of 4S-6S 4000-7000mAh LiPo packs

Innovative Hands-Free Servo Connection System

Vibrant Aerobat trim scheme

Rough-field landing gear with shock-absorbing nose strut and optional floats available.



**Available late April BNF \$399.99 and PNP \$379.99**

## Spring 2017 New Plane Releases

**FMS A-10 Thunderbolt II EDF 70mm PNP****Key Features:**

Powerful twin inner running motors with the latest 70mm 12-blade EDF, plus the high-quality Predator 70A ESC

***Incredible scale detail throughout:***

Scaled CNC-processed metal landing gear set

Detachable bomb and missile set

Pilot figure

Panel lines and rivets

The latest high-brightness LED set

The latest locked-rotor mode E-retract with over-current protection

Multi-connector for one-step installation

Metal digital servos for precise control

Bearings in wheel hub for better performance

Button type canopy hatch

Large battery compartment



New from FMS is this PNP A-10, features 70mm twin electric ducted fans, advanced construction features and incredible scale detail, including an aggressive paint scheme. From all-around rivets and panel lines, detachable bomb and missile sets and pilot figure, FMS's A-10 is a plane that scale enthusiasts will gush over.

The "Hog" assembles quickly, thanks to optimized screw-based assembly, ball links, a heavy-duty wing spar, and the latest multi-connect technology. In short, you'll be making strafing passes in no time.

In addition the A-10 uses the newest locked-rotor mode E-retract system coupled with FMS's refined and oriented CNC-processed metal landing gear set for assistance with those not-so-perfect landings. The power system utilizes a new and improved twin 70mm 12-blade EDF V2, KV1850 inner-running motor system provides tremendous power and speed when couple with a 6S battery.

**Specs:**

Wingspan: 1500mm/59.1in

Overall Length: 1368mm/53.9in

Wing Area: 36.2dm<sup>2</sup> (561sq.in)

Flying Weight: Around 4100g

Motor Size: Inner running Brushless 2860 KV1850 x 2

Servos: 17g metal digital Servo x 4, 9g metal digital Servo x 5

CG (center of gravity): 80-85mm (From Leading Edge)

Wing Loading: 113.2g/dm<sup>2</sup> (0.26oz/in<sup>2</sup>)

Speed Control : 70A x 2

Recommended Battery: Li-Po 22.2V 5000mAh 45C

Available late April PNP \$439.99



# Pink-It™

Modelers now have a more scale option when it comes to pinked edge finishing tapes. For years modelers have been searching for a more scale option when it came to replicating pinked edge finishing tapes, the choices were few and not very scale. Pinked edge tapes cut from ceconite are actually cut for full size aircraft and the "pinks" are too large for scale models. Hair net and bandage tapes also have too large of "pinks" for scale models, are difficult to paint and really stand out once applied and painted (this is a bad thing). On full size aircraft you do not even notice the pinked edge tapes until you are about 3' away from the plane, so why would you want thick, heavy hair net/ bandage tapes on your model that can be seen from across the field?

Pink-It tapes are cut from Solartex which is a fabric covering that has a heat activated adhesive applied on the back. To apply Pink-It tapes you simply iron them on, they have a very nice fabric texture. No need for smelly, toxic chemicals.

We know that you have choices to make as a modeler and hope that you will give Pink-It a try! Our Pink-It tapes have been used on 1st place Top Gun and Weak Signals Toledo show models plus many, many more scale event around the world.

We can cut virtually any size finishing tape you may need, from any color Solartex has to offer. 40% scale is pretty popular and we have even done some 50% scale tapes. Please contact us with your special requirements

Want a free sample piece? Just send us an email at [dbalsa1@gmail.com](mailto:dbalsa1@gmail.com)

## March 2017 meeting minutes

Meeting called to order at 7:05pm

Brian accepted and 2nd by Rob.

Treasurer report was read by Dale at 7:08pm and accepted by Rob and 2nd Chris.

Discussed old business including taking down the old canopy and recently new one to insurance policy.

Jim discussed the project to remove old canopy.

Discussed new business. Late June there will be an aerial chemical spraying over the field sometime keep an eye out for that.

Also discussed a float fly and including other nearby clubs.

Motion to adjourn at 7:30pm

Jim accepted and 2nd by Eric