

Thrustline

Springfield Model Airplane Club May 2009

From the Editor:



Well, winds and yard work have kept me away from the field lately, but the weather is looking up and spring may actually show up one of these days. 38 deg one day, 78 the next - welcome to Ohio!

The Weak Signals Expo (Toledo Show) was outstanding as always. I was there from Thursday thru Sun. Ate too much, spent too much, slept too little, had a great time. Saw a bunch of you there, hope you all had a great time.

Went to ETOC and every year they step up their game. This year went to Seth Arnold from northern Ohio. If you think these guys aren't dedicated, here's Seth's schedule for two months before the event: up at 4:30, in school gym at 5:30, fly the pattern sequence 30 times, fly free style until school starts. Attend a full day of high school, sports after school, homework, etc. Makes me tired just thinking about it. Seth has mastered the variable pitch and did a backwards spin that was just unbelievable.

FWIW, the average age at ETOC this year was 19.

Field Clean Up: Don't forget our field set up/clean up day is set for noon on May 2nd. We'll be cleaning, spraying, and may even get some flying in if the weather is nice.

Safety rules for the sign. I contacted the AMA about the stick on sign for club use and found out that it is now available at a cost of \$8.00. I passed the info on to the board members and the treasurer will be asked to order one .

Suggestions/Articles/For Sale items are always welcome - Deadline the 20th of the month.

Azarr

Next Meeting: Tuesday 7:30PM May 5th 09 Asbury United Methodist Church

Asbury United Methodist Church

From the Secretary: Minutes from the Apr meeting

No minutes submitted by time of publication

Event Schedule

NON FLYING

May 2nd - Field prep/clean up day 12 Noon

Jun 6th - Wright State Renegades Swap Meet (at Radical RC)

Club Officers

President

Don Friessan

Vice President

Richard Baker

Secretary

Bruce Shaw

Treasurer

Joe Ferrara

Board Members

John Henley

Buzz Massey

Jim Miller

Neil Perkins

Safety Officer

Mike Harter

Field Marshal

Don Barnes

Mower maintenance

Steve Kianka

Newsletter Editor

Azarr

QUICK LINKS

[SMAC Web Site](#)
[SMAC Flying Field](#)
[Academy of Model Aeronautics](#)

FLYING

May 23-24 - 9th Columbus IMAC Challenge, Westerville, OH
June 13th - WORKS Club - Buy and Fly
Jul 18th - FAST Club - All Fly Fun Fly - Electric to Giant Scale,
Brookville OH [More Info](#)
Sep 27th - WORKS Club - Super Scale Sunday

Dear Ready Kilowatt

Dear Ready:

I'm converting a 40 size plane to electric and I want to run the servos on 6 volts, how can I do this?

E challenged in N. Hampton



Dear E:

If I understand your question, you want to increase the speed/power of your servos by supplying 6v to the servos instead of the normal 4.8v.

With a plane that size which would have 4 or more high drain servos, a standard Electronic Speed Control (ESC) isn't up to the task. However, you have several options.


1. Probably the easiest is to use a 5 cell receiver battery. Simply disable the Battery Eliminating Circuit (BEC) in your ESC by removing the red wire. (A simple way to do this is to use a servo extension and cut the red wire - this will disable the BEC but still keep your ESC intact.)
2. Another choice would be to use an add on Battery Eliminating Circuit (BEC) which are available from several companies in both 4.8v or 6v versions. Dimension Engineering and Castle Creations, and Kool Flight all have 6v versions. The Castle Creations BEC is unique in that using their Castle Link you can program the output voltage from 4.1 to 9V. Again, you have to make sure that your equipment can operate at these voltages. Normally the literature with the systems will provide the operating voltage range.
4. The hottest/newest thing in ESC's at the moment are those with built in switching BECs. The change from a linear to a switching BEC allows the use of more servos without having to add a stand alone BEC. They're slightly larger, heavier and cost more than a standard ESC, but you don't need to buy anything else. At the moment, the few on the market have a 5v servo output, but I understand some programmable versions are in the works.

Hope this answered your question. All questions about electric flight welcome.

till next month,

Ready

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