

President's Message

*John Jenks
SJSF President*

Welcome to another outdoor flying season! We started out on April 24th a little overcast and cooler than some previous days.

By 11 AM we had two pilots – me and Roger. But shortly thereafter as the sun threatened to show itself we had six pilots ready to fly.

With great anticipation we packed some batteries into the Lanier Hawk; a.k.a. lead sled or other non-flattering named motor glider and gave it a toss. We had Joey Slezak at the controls and to the surprise of all it actually flew OK. It was definitely tail heavy and took some effort to fly straight and level. It could climb pretty

well under full power and at half throttle could cruise along at level flight.

We tried a little “Raid on Berlin” with Joey flying and me attacking but we had little success. After a couple of flights I decided to pilot the Hawk and applied full throttle and at 20 feet high something popped off the front of the plane.

The plane porpoised up and with full down elevator I managed to make a controlled crash and we made an inspection. The motor (with prop) had pulled itself out of the mount and departed the plane. Fortunately no other damage was observed. It has since been fixed for flying.

After our fingers warmed up on some regular flying Joey and I degenerated into wing combat and concluded

the day with a head-on cash at full speed.

Indoor News - The bad news is we have had our last indoor this season. The college kids are using the gym every Wednesday evening in May for soccer. We'll have to do more long range planning next year.

The good news is we had a very successful year indoors - gaining members and having lots of fun flying lots of airplanes. Roger's 3.8 gram plane was the darling of the show this year but we all had great time and most are getting pretty good at it getting more and more stick time.

Reminders: Even though you have been flying the same plane for the last 10 years, double check the controls and linkage for

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Upcoming Events

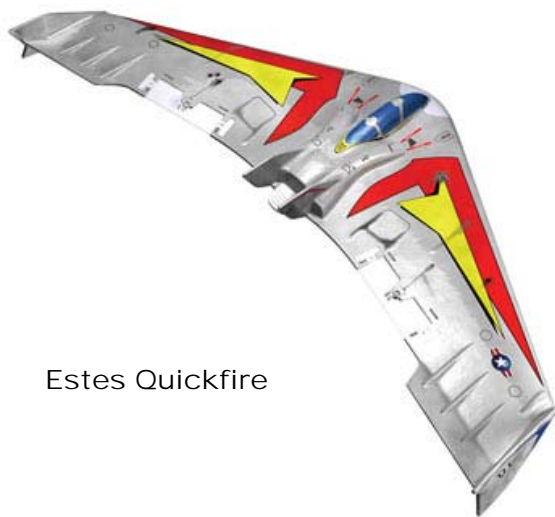
May 21	SJSF Fun Fly, 10 AM SJSF field
May 23	SJSF Club Meeting, 8 PM Evesham Community Center
June 25	SJSF Fun Fly, 10 AM SJSF field
June 27	SJSF Club Meeting, 8 PM Evesham Community Center
July 16	SJSF Thermal Duration Contest, 10 AM SJSF field
July 25	SJSF Club Meeting, 8 PM Evesham Community Center

Estes News

Submitted by Rob Romash

Here are a few of the first products I designed for the mass market.

The Quickfire is a high start launched RC glider you can pickup in Wal-Mart right now. It uses two magnetic actuators for control and can be flown by anybody, its very forgiving. You can



Estes Quickfire

high start it to about 100 to 125 ft. depending on wind and fly it all day as the 3 AAA cells will run it for 60 hours. Its the kinda thing a youngster can fly while Pop is flying the bigger stuff.

Also I have a product called Blast Jets - this is an air rocket that launches 2 gliders at apogee. Great fun and a good way like the Quickfire to wear your kids out as chasing the gliders can be a chore (they fly

well). Its also available at Wal-Mart.

I am also starting to do some work for Cox Hobbies and if I have my way am designing a new line of punk planes to accent our warbird series. These will be very sleek modern composite type planes. Although still on the drawing board they will hopefully make it to production and

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slop and solid connections. The winter layoff and bumping around the hangar can dislodge servos, hinges, receivers, ballast, and other stuff. Remember to re-shrink the covering, double check the battery life by cycling the batteries. Have you had your radio re-tuned in the last few years? Send it out now and you'll have it back by June.



Estes Blast Jets

they are awesome. I just completed an FW-190 Axis fighter for a coming release under the punk line, that will definitely make it.

I also have a few other top secret concepts geared toward super lightweight indoor RC.

[Ed. note - Tower Hobbies carries the Estes line.]→

Regarding batteries - throw out the old junk that doesn't pass the cycling test. Take it from one who should have learned from his own words. I was flying my HLG the other day with what I thought was a top-off charge. After about 10 launches & 45 minutes on the battery at 300' the plane

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Indoor Fun Fly's Roger

Roger's debut of his Air Hogs Aero Aces at January's Indoor Fun Fly apparently generated a lot of interest - almost half of the pilots at February's event had one or more Aero Aces and the numbers keep growing!

I let Ron borrow one of my Aero Aces so that he could let his young nephew fly. I think the nephew was about 8 years old - the joy and satisfaction on this boy's face was very gratifying!

Photos from the Fun Fly's are posted on the sjsf.org web site - I've included a few of them here. Info on Aero Ace mods is listed on the next page.



Ron T. gets a piloting lesson

Feb. 2006 SJSF Indoor Fun Fly



Another satisfied Aero Ace pilot



Marti piloting her Aero Ace



Aero Ace Mods

Roger Williamson

Given the interest shown in the Aero Ace "toy" R/C plane, I thought I would provide some links to popular AA mods as posted on RCGroups.com.

[Spring mod to get rid of the self-centering throttle stick.](#)

Xmitter mod to select any of the three channels

Post #99

<http://www.rcgroups.com/forums/showthread.php?t=401484&page=7&pp=15>

motor control at any throttle speed

<http://www.rcgroups.com/forums/showthread.php?t=470028>

[text file with links to many other mods](#)

A Good Label Making System

Roger Williamson

Do you remember those old label makers where you turned a rotating wheel in order to emboss characters onto stiff plastic tape that always peeled away after a couple of months? You can discard that old technology and replace it with a fairly cost-effective 21st century equivalent - the Brother P-touch labeling system. I have been using a Brother P-touch PT-55 labeling system for several years and have found it to be vastly superior to the old style of label maker.

The key difference is in the media and how the text is conveyed to the media. The old style embossed the text onto a stiff tape resulting in a 1/32" thick stiff colored tape with white lettering that always seemed to peel away after a few months, or would leave a nasty adhesive residue, or both!

The new system uses a thin plastic tape with (usually) a white background, the text is black. The thin tape is easily wrapped around tight corners, and I have yet to have a problem with the adhesive coming loose. According to Brother, all of the P-touch products print on laminated labels that are resistant to water, spills, heat, cold and other harsh environments.

I use my P-touch PT-55 for 4 different uses, but I'm sure that you can find many more uses:

1. Putting the receiver channel number onto servo connectors (shown below).
2. Putting my name and phone number onto my models and other high-value equipment that I take to the flying site.
3. Identifying AC/DC adaptors - this transformer goes to my camera but this other transformer goes with my cell phone.
4. Labeling audio-visual cables - this is the DVD output or this is the VCR left channel audio input.



Plantraco Transmitter v2

Roger Williamson

Plantraco is now shipping their second generation 900Mhz R/C transmitters. Here's the lowdown as posted on RCGroups by Bud from Plantraco:

They are fully compatible with all our existing receivers and they also offer more functions and features for our new upcoming receivers such as:

- 6 user-selectable frequencies (old model had 3 frequencies)
- Built-in Buddy Box functionality with RJ12 interface
- Auto-Detect of FMS cord



- Non-centering throttle stick
- Charge while you fly
- User hackable charge rate
- Increased sensitivity

Air model 2 transmitters are available with 5mm Bahoma or 10mm Bahoma charger

The instruction manual can be

downloaded here:

<http://www.plantraco.com/hobbies/help.html>

The latest revision of the manual is 0.98 - so that's the file you will want to see.

[Ed. note - the 6-channel receivers have not been released yet.]

Other Plantraco News:

Various videos documenting construction sequence and flight videos are available via Podcasts at www.plantraco.com/podcast.

[Ed: - I think I saw a rumor that a carbon fiber Butterfly airframe is being developed.]

4-color printed foam micro plane kits are coming soon. Preview shown below.



Random Musings

South Jersey Silent Flyers Home Page:
www.sjsf.org

RCGroups - a great R/C online forum
www.rcgroups.com

Winding CD-ROM Motors
Good beginners article in the May 2006 Quiet Flyer magazine

[Some useful info on trainer cords](#)

This is a really nice article about how to go about teaching a new pilot
[Teaching Someone to Fly - Tools & Techniques](#)

[Super winch rehab](#)

[48-hour wind forecast](#)

Contact SJSF

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Submit articles for publication in the newsletter via e-mail at jblow131053@comcast.net

Printed Tissue Covering

Initial information posted online by Gordon Johnson

Are you looking for a way to “paint” your model with custom graphics using the power of your computer? Gordon Johnson has provided an online tutorial on creating graphics on your computer and printing them onto tissue wrapping paper which is then adhered to your model. The technique works on both wood and foam models.

The hard part is creating the graphics themselves, but there are some sites where you can download pre-made graphics for certain models. Link #1 below is Gordon’s article; I have also included a couple of other related links. [Roger]

[Link #1](#)

[Link #2](#)

[Link #3](#)



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 lost control (battery failure) and spiraled into the lake. Fortunately no real damage.

Another thing - if you know of a persistent problem, get it fixed before you start the season. Some of you know I have had some aileron fluttering issues with my big 142" electric glider and once again, at altitude on a day of big lift a week ago I was having trouble getting it down after about 50 minutes of flying. So I finally drop the flaps and drop the

nose and I add some speed and whoops there goes another aileron. Spiraling down beyond the lake.

Once again so far away and down wind that there was no noise as it went into the trees a mile away. I asked the fishermen but they didn't see or hear anything either so I knew it was way out there. So after about a 3/4 mile walk in the woods I found the wreck. Wings and tail destroyed but fuse intact. It will live to fly again. Both aileron servo

gears stripped. Motor, controller, radio, and even the battery are Ok.

I tell these stories because we all need to be reminded not to get complacent about our plane's conditions and their limits.

Hope to see you out there in May.

Turn opposite the yaw,

John

