



The Silent Flyer

www.sjsf.org

Spring 2008

AMA Charter 3250

President's Message

John Jenks
SJSF President

Hey it's the start of new flying year! These cold winter days allow us to spend more time in the shop pondering the deep questions of life: Is a 10x4.8 prop on my indoor plane going to create too much torque for me to be able to control my indoor plane? Is a fire extinguisher or a Lipo Sack more practical? Will they laugh at me if I bring this Wal-mart toy to the field?

Well, enough of this musing, let's get to the real questions. How much money can I spend before my wife figures out I have bought enough batteries to light up the neighborhood and electronic gear to get the FBI interested in my

phone calls. Well, anyway I hope you have had a chance to enjoy your hobby a little so you can spend some quality time with your friends this Spring. We have a great schedule for the new year both indoor and out. Check out our calendar on the web!

Two indoor venues, one outdoor funfly per month with several picnic lunches included. These lunches are free to club members and are a great time for taking a day off and just planning a recreational day with friends. We had elections last fall and shuffled a couple of folks around but basically you've got the same old farts trying to keep the fun alive.

We have had very successful indoor sessions this winter, typically 15-25 pilots showing up with IFOs, Cessnas, 3D, and plenty of

home brew projects. Ron Terzini always has something he has created that is less than 25 grams. Roger W. recently picked up a nice digital camera and has posted some great shots on our website.

Joe Bennett always brings some new super light equipment even if we haven't ever seen it on a plane he is flying. Bob Bunting and Chris Doukakis have surprised us all and managed to avoid midairs in our recent indoor events. I've actually avoided shooting my self down for a record of about 6 months.

Dan Krug is doing aerobatics! Dave Lockhart keeps amazing us with his skill and we're beginning to wonder how light can a 3D plane get? I think Ken and Bill left the last indoor with at least one plane that was

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Upcoming Events

- 3/14/08 - Indoor Fun Fly at Pinelands Sports Center (9 PM - 12 AM)
- 3/19/08 - Indoor Fun Fly at Fellowship Baptist Church (7-10 PM)
- 4/16/08 - Indoor Fun Fly at Fellowship Baptist Church (7-10 PM)
- 4/20/08 - Outdoor Fun Fly (10 AM)
- 5/18/08 - Outdoor Fun Fly (10 AM) - Flying Wings and Pylon Races + Open
- 6/22/08 - Outdoor Fun Fly (10 AM) - Sailplanes + Altitude Climb + Open

AMA/SJSF membership renewal

Yes, ya gotta pay to play! SJSF membership requires that you belong to the AMA so that the club knows that you have sufficient liability insurance in the event of an mishap. AMA membership can be renewed at <https://www.modelaircraft.org/joinrenew.aspx>. It costs \$58 to renew AMA membership.

SJSF dues are \$20 for the calendar year (\$5 for age 16 and under). Payment should be sent to:

Bob Bunting
2209 Beverly Road
Cinnaminson, NJ 08077

Please attach a photocopy of your 2008 AMA membership card when you submit your SJSF dues.

Thoughts from the VP's Corner

Marty Sievers



Another flying season approaches. What have you been building this winter? As usual I had plans to build several planes for this up and coming flying season, but not many results. Every building season I have a tendency to dream big and build small! How about you?

Events

The **PENN Modelers** flea market in Lebanon PA is also coming up in the beginning of March. Also **Burlington County** swap meet (see the clubs calender) is coming up on the 15th (I could use some directions Guys!). Just use the money you didn't spend at Lebanon PA at this swap meet. Both events are well worth attending! I think I will!

Flying School

The thought occurs to me that I could use some flight instruction to sharpen my flying skills. We have many highly skilled pilots in this club that we could tap into their vast experience to learn how to fly better aerobatics, etc. What do you think about this? How about you 3D flyers? Would you be willing to help? I know it would be appreciated by all!

Building tips and hints

With so many scratch builders and craftsmen in this club I'm surprised we don't ask for more help. Perhaps we can add some more to our building tips section on the website. I for one admire the skill these builders possess. If we can pick up a tip or two it would be great.

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2008 SJSF Officers

President - John Jenks
Vice President - Marty Sievers
Treasurer - Bob Bunting
Secretary - Marti Bunting
Field Marshall - Ken Bagdon
Safety Officer - Luke Kociuba
Newsletter - Roger Williamson



E-flite SE5a WWI British fighter foamie kit

(Thoughts - Continued from page 2)

Attendance at meetings

I would like to encourage our members to attend the club meetings. Speaking for myself, I enjoy them tremendously. I would love to see more participation in Show and Tell. I do pick up a lot of tips there. Also every once in a while our members slip and gives away a great secret. Golden!

Looking ahead

The new flying season approaches. John and I have been considering some ways to stimulate interest and participation in our contests. Perhaps you would be willing to suggest some ideas for these activities that we can discuss at the meetings. Suggestions are always welcome. Yeah I know, Kenny and Bill, you just can't wait to cook again! Hmmm, maybe we can have a hot dog eating contest.... count me in!

Contests

What would you like to see? Perhaps participating in several contests that earn you points or a ticket towards a drawing for the grand prize at the end of the year (2.4 G radio)? Or prizes handed out for just participating in the contest? How about something we

can all use (props, glue, foam, covering, etc)? Suggestions please everyone.

Indoor flying

Got any suggestions about indoor flying? Are you satisfied with the way it's run? Is there anything you would like to see implemented? A good place to suggest changes, etc, is the monthly meeting. Be sure to attend! Oh and don't forget to thank our hosts at the indoor soccer rink. It's a fantastic place to fly! I don't take it for granted. Perhaps a small plaque thanking the owners for their generosity for allowing us to fly there might be in order. What do you think?

What I'm building

I managed to pick up an E-flite SE5a WWI British fighter foamie kit (see picture) from the HS in Mount Holley. Should be done shortly for one of our indoor fly ins. I also have the SAMBA (Northeast Hobbies pattern plane) that I showed at one of our meetings almost finished. A HACKER 20-20L should make it go straight up! What about you? This newsletter and e-mail is a great way to communicate. Let's hear from you!

Marty Sievers

WRAM Show

*Ken Bagdon &
Ron Lockhart*

Ken's review



The doors opened a little earlier again this year due to the weather.

The price was up to \$11, parking was \$4, they should have left us park for free what with the shaped the lot was in.

The show this year, as expected, was smaller than last year. The bad news was that fewer vendors showed up, the good news was that you could walk through the isles.

The big booths by Futabe, Hitec, Aerotronics were not there. Castle Creation had a fairly descent display.

North East Sailplane was not there, they always have a big layout, with great prices on all of the Castle Creation products, but one of the owners had a death in the family, so they didn't show up

Most of the emphasis was on "ELECTRICS", and that was no surprise. There was the usual array

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of motors, servos, batteries. Can't say I saw anything that was really spectacular. Looks like we're on a 2 year or so cycle before anything new really comes out. All of the stuff that was new last year is now old this year.

Reminiscent of past years, when every kid was walking out with an R/C car, this year copters and the small 27 mHz planes were the fad. Probably lose a lot of these kids to the hobby due to frustration.

There were some good deals. I bought an 80" ARF glider with a Speed 600 installed for \$35 from BP hobbies. One guy, the past few years, has been selling some real nice ARF that look like real planes. The deal is 1 for \$40, 2 for \$60, 3 for \$80 and 4 for \$100. If I had room in my workshop I would have bought 4; maybe next year, if we go. Prices of most of the EPP foam stuff is still up there; gotta come down pretty soon.

I went over to the E-POWER booth loaded for bear. Last year I had bought a brushless from them and got about a 2 minute flight out of it when the



WRAM Show

motor came apart and bent the shaft. Well to make a long story short the guy heard motor, came apart, and reached in his pocket and give me my money back and said that I could have anything else on the table for free. Now that's customer service.

The years of people like Byron, Yellow Air Craft, Hollman, etc take up an entire row with their products line is gone. To say it wasn't like it used to be would be an understatement and the fact is that it will most like never be they way it used to, but it's a day out for the boys and we'll probably go next year, besides, I'm the only one that will take Uncle Luke along.

Our Dave Lockhart put on a real nice fight demo, would you have expected less?

Ron's review



I'll second Ken's report, and add a little. Weather was cold with

snow and ice on ground. (What- late Feb in White Plains, whadayaspect?) Twenty minutes in an outdoor line to buy a ticket. Inside, lines to get slightly overpriced hot dogs and coke.

Oh, good things. Nice social event, ya get to see lots of other modelers that have

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(WRAM - Continued from page 4)
not been flying much either. At the AMA booth you could talk to our new AMA Dist II VP, Gary Fitch. Gary replaced Dave Mathewson as our District VP when Dave became AMA President. AMA Executive Director Jim Cherry was there. And Jeff Troy, editor of the new Park Pilot magazine.

There are special meetings and seminars. A couple on 2.4 GHZ technology and new radios using it. There was the usual National Society for Radio Controlled Aerobatics (NSRCA) meeting - a favorite activity for me. Also an AMA Dist II meeting and others.

There are large displays of models that are awarded prizes for best scale, best aerobatic, best finish, and bunches of other categories. Also a Swap meet.

I think any modeler ought to attend a WRAM show at least once. Then decide about going again. Ain't missed but one or so in last 15 years.

Zero RC review

<http://www.zerorc.com/wram-show-2008-report>

Micro Radio System

Bob Bunting



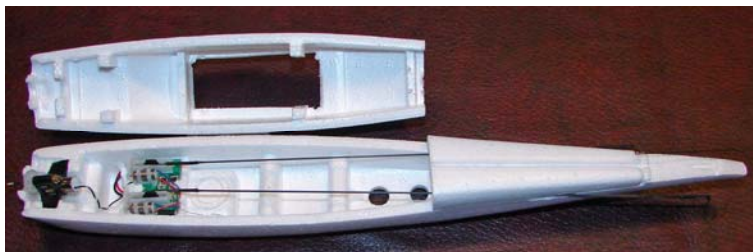
So you want a micro radio system for your 15 to 30 gram indoor/calm weather project and you don't want to spend \$300+ on a radio system. There is an option available; how about a 9.4 gram three channel radio that includes receiver, ESC, servos, 70 mah LiPo, prop, spinner, and even pushrods!

Better yet, everything but the battery and prop can be had for \$60! The battery

PKZ23001 and the prop/spinner is PKZ23002.

The fuselage contains all of the needed radio equipment plus pushrods. To remove the receiver, servos and motor, slit the tape on the sides of the fuselage and remove the top of the fuse. Now you can carefully remove the radio system. TAKE YOUR TIME! Use a new #11 blade in your X-acto knife to separate the radio components from the fuse. It should take no longer than 10-minutes as Parkzone uses some sort of soft white adhesive.

Now you have your radio,



Micro Radio System in Fuselage

will set you back \$9, and the prop & spinner is \$3. The complete system is \$72!

What is it? It is the Parkzone Cessna fuselage w/electronics, motor and receiver (p/n PKZ3061). The battery is p/n

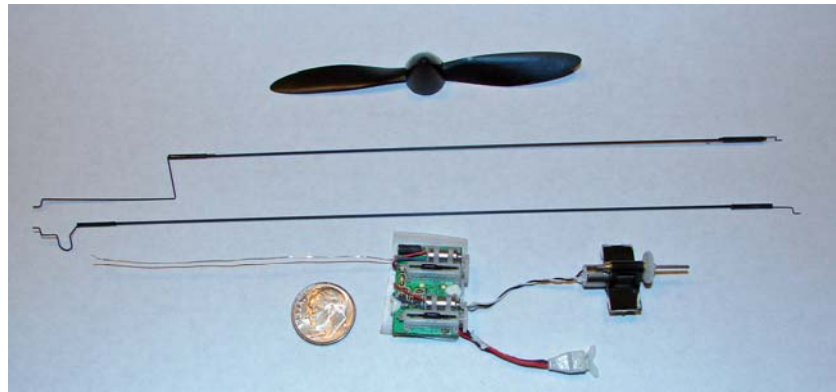
and it's even 2.4 GHZ with about a 300' range. The only other item you need is a Parkzone 2.4 GHZ transmitter. If you don't already have Parkzone Cessna or Citabria, a transmitter is \$60 (p/n PKZ3041).

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Best idea - buy a Cessna/Citabria for \$130 from Todd's Models or your local hobby shop (some sell the package for \$130 - look around).

Have Fun!
Bob



Micro Components

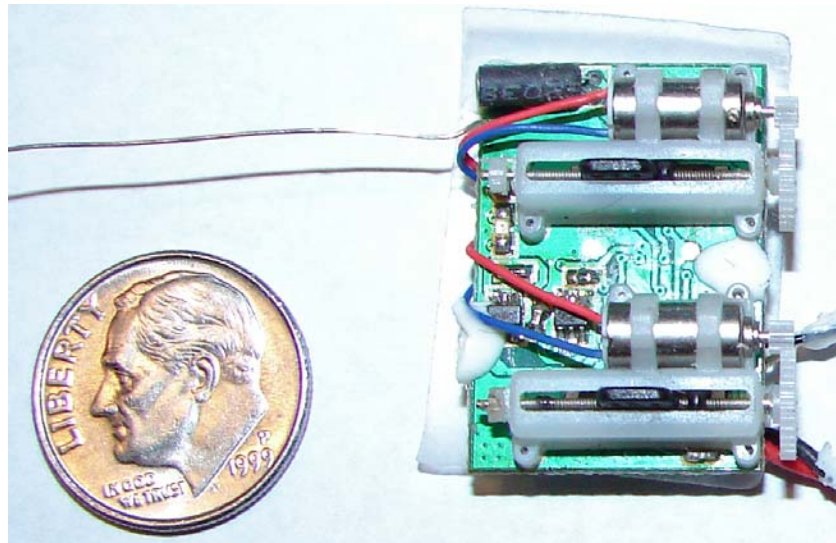
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still flyable. Will wonders ever cease?

Speaking of wonders, there have been a few warm relatively calm days the last couple of months where some hearty souls made it out to the field and we were able to get in some nice stick time. Pat and Lloyd are usually out there flying till their batteries are empty.

Pat has some really neat new stuff including a Multi-plex FunJet. Wow it goes 60+ mph on 20 amps. (I just finished mine yesterday). Well I just wanted to give some words of encouragement to our members and hope you plan on attending some activities both indoor and outdoor.

By the way, there are a couple of guys who do some of the unheralded work that keep our club going. Look around and find someone who has helped the club and thank them, like the



Receiver, ESC and Servos Close-up

chefs, the editor, builder of our new frequency board, our safety officer, or anyone else who has helped the flying cause. Have a great flying year!

Turn opposite the yaw,

John

Weights

Electronics, prop, spinner and pushrods - 6.9 grams
Battery - 2.5 grams
Total - 9.4 grams!!

More Fun with PVC

Roger Williamson

After I completed the first of 3 planes that I received for Christmas, I realized that I had run out of storage space to house the latest plane. My basement has planes suspended from the ceiling and stored on existing shelves and there ain't no more room for new shelves. I decided to solve this dilemma by building a couple of racks for my planes out of PVC pipe.

Since I already had experience building stuff out of PVC, I used this as an excuse to purchase a miter saw and stand. Cutting PVC with a hacksaw is time-consuming and leaves a rough edge that needs to be sanded down. Using a miter saw with a fine blade (10" blade – 200 teeth) leaves a smooth cut with no burrs.

My rack sits on the floor; the design can be modified accordingly to make a wall-mounted rack. Also, my design is for electric models. If you plan to store heavier gas models then you may want to increase the size of the PVC pipe to handle the extra weight.

Basic PVC Cementing:

- Clean the 2 parts using the PVC cleaner.
- Apply cement to the fitting, not the pipe.
- Align the 2 parts and insert the pipe into the fitting. NOTE: you will only have a few seconds to adjust the joint angle. It's best to align the parts beforehand.

Instructions:

- Determine the depth needed by measuring the distance from the tip of the prop to the wing's trailing edge of your longest model. In my case, the longest model was 19". If your model is longer then you will need to lengthen all of the side pieces from what is shown below.
- Cut the pieces for the base and dry assemble them. Set the base assembly on a flat surface and glue one fitting at a time making sure to hold the entire assembly tight to the flat surface so that the base assembly will sit flat on the floor.
- Cut the pieces for the 1st level and dry assemble. Make any necessary fine adjustments so

that the two rear vertical risers are perpendicular to the floor and that the horizontal arms are parallel to the floor. Glue fittings one at a time.

- Cut the pieces for the subsequent levels and

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dry assemble. Butt the rack up against a vertical surface and glue the new level making sure to keep the vertical risers plum with the vertical surface. Repeat for each additional level.

- Cut the pieces for the top level and glue in place making sure to get proper alignment.
- Cut the foam to length and slip on the horizontal arms.
- Apply planes!

SPECIAL OFFER FOR SJSF MEMBERS

I have the basement and tools necessary for efficiently constructing one of these racks. I will be happy to let you come over and will help you to build a rack of your own.

Roger



Six-plane PVC Rack

See Material list on next page



AMA Park Pilot Program

President Jenks reports that members that joined the AMA's Park Pilot Program instead of a full AMA membership are welcome to join SJSF subject to the limitations of the AMA/PP program (i.e. < 60 mph, < 2 lb.).

PVC Plane Rack Material List

Material	Description	Size	Quantity
Small can PVC cleaner			
Small can PVC cement			
Base:			
1" PVC pipe	Sides	18.5"	2
1" PVC pipe	Front/rear	13.25"	2
1" PVC pipe	Connectors	2"	4
1" Tee		1"	6
1"x3/4" Tee			4
1st Level:			
3/4" PVC pipe	Sides	17.75"	2
3/4" PVC pipe	Front Vertical riser	5"	2
1" PVC pipe	Rear Vertical Riser	5.25"	2
3/4" elbow			2
1" x 3/4" Tee			2
3/4" foam insu- lation		16"	2
Subsequent Levels:			
1" PVC pipe	Vertical riser	8" (varies de- pending on plane size)	2
3/4" PVC Pipe	Horizontal Arm	17.5"	2
1" x 3/4" Tee			2
3/4" cap			2
3/4" foam insu- lation		16"	2
Top Level:			
1" PVC pipe		13"	1
1" PVC pipe	connector	1"	2
1" elbow			2