

PULSE



Upcoming Meetings and Events

The next meeting will be at the EAA building on Wednesday, March 14, 2007 at 7:00 pm

The SPRC Spring Cleanup is right around the corner – Saturday April 14, 10 am

From the President

by Ed Ryan

Welcome all to March.

There is a lot going on already this year. At the last board meeting we discussed updating our web page. So look for improvement coming in the future.

We also decided to try to get everyone on the email list for the Pulse. The reason for doing this is it saves a lot of money and work for the people involved. We attempted to do this in the past by encouraging people to sign up on a list, I think we got some people to do so but not a lot. So this time we will be making a list for those who want to stay on the mailing list. So if you want to continue to get the Pulse through the mail you will have to get your name on the list.

This month's meeting we have our swap meet so bring your stuff and see if you can't sell it. Remember show and tell is always encouraged at all meetings. If you missed last month's meeting Paul Rono brought the new frequency board. This is an awesome piece of craftsmanship and will be a perfect upgrade for our field and deserves special thanks for all who were involved.

This year the daylight savings gods bless us. We get an extra hour of sunlight in the evening about a month earlier than before. And about a week longer in the fall.

This could mean a lot of extra flying for the after work or evening flyer. Personally I have always considered daylight savings to be the official start of our flying season. So if you don't have your projects ready you better get moving because spring is upon us.

In May it looks like we will be invited to display our stuff at Aviation Days at the Anoka County Airport; I believe the dates are 19th and the 20th. I will find out more in the near future and will probably be looking for volunteers.

Remember to bring your finished projects at the April meeting.

Contests/Events

by Paul Rono

Hey All,

It's starting to warm up according to the weathermen. If you haven't had a chance to fly off snow, this is one of the best times to do it. On a low wind day with the sun shining and the temperature climbing there is much fun to be had. If you had a barebones project don't forget that April is the finished projects meeting. Even if you haven't finished your project bring it to show your progress. March is the club swap meet, maybe you can unload some of the stuff you don't use any more to further a new project? My scale E-heli mechanics project has been test flown and will soon be going in the fuse. Surprisingly the test flight went off beautifully without any glitches. I hope your project is coming along nicely as well! Here's the events schedule to date!!!!

Events 2007

Apr 14	SPRC Field Clean Up Day-10 am
Apr 21	ACRC Funfly-10 am start
May 19	ACRC Funfly-10 am start
May 20	ACRC Spring Fly-in-10am
May 26	SPRC Heli-Fly-10am-5pm CD Paul Rono
Jun 9	ACRC Pattern Contest-10am CD Brian Dorff
Jun 16	SPRC Scale Fly -10am-?pm Not a contest, Stan!
Jun 23	ACRC Funfly-10am start
Jun 22-24	MARCEE 3M E-fly

2007 SPRC CHANNEL USE

11 - 2	29 - 2	47 - 5
12 - 5	30 - 8	48 - 4
13 - 0	31 - 2	49 - 2
14 - 3	32 - 4	50 - 7
15 - 2	33 - 2	51 - 3
16 - 6	34 - 2	52 - 5
17 - 3	35 - 3	53 - 5
18 - 4	36 - 3	54 - 10
19 - 2	37 - 1	55 - 3
20 - 1	38 - 5	56 - 4
21 - 3	39 - 4	57 - 4
22 - 5	40 - 2	58 - 6
23 - 0	41 - 1	59 - 3
24 - 3	42 - 3	60 - 3
25 - 2	43 - 3	
26 - 5	44 - 1	27Mhz - 1
27 - 1	45 - 5	50Mhz - 4
28 - 6	46 - 6	53Mhz - 0

MEMBERSHIP NEWS

by Stan Zdon

SPMRC has 88 members signed up for 2007. Of these, 72 are members that pay full dues. The rest are honorary members, junior members and board members. This is about the same as last year at this time. There are 34 members that have not renewed their membership for 2007. They are listed below. If you know any of these members personally, please call them and remind them to renew for 2007.

SPMRC will be working with Sky Hobby (Hobby Warehouse) again this year for the fuel order. The prices are the same as last year. An order sheet for fuel from Sky Hobby is included in this month's newsletter. It will have to be mailed to Sky Hobby by March 31 and you will have to pick up your fuel at their store.

This month three information lists are being published. One is the frequency distribution showing how many radios of each channel were listed on the applications. Also published are a phone list of current 2007 SPMRC members and a list of e-mail addresses for the current members that have them. As more memberships come in during the year updated phone and email lists will be published. Please check your phone numbers and e-mail addresses for errors. Some of them were hard to read on the application. If you find any errors please call me at (763) 784-3121 or e-mail me at szdon@yahoo.com so that I can correct my database.

The next meeting will be at the EAA building on March 14 at 7:00 PM. This is the meeting when SPMRC holds the annual club swap meet. Bring your stuff to sell and bring money to make some purchases.

NON-RENEWALS for 2007

Todd Anderson	Marlyn Mackey
Jon Bidinger	John Mcmillan
Michael Bong	Filip Mulier
Kevin Cramer	Steven Mundt
Gib Curry	Tony Musta
Mike Dammar	Robert Nelson
Jeff Dauble	Martin Perez
Scott Ferrozzo	David Phillips
James Gottwoldt	Anthony Rodlund
Mike Gregori	Timothy Roska
Tom Hajnasiewicz	Ken Savage
Greg Harvey	Brian Schmidt
Brandt Hubal	Harold Stangeland
Larry Hull	Paul Weller
Thomas Johnson	Jeff Werner
Scott Jorgenson	Don Wiebold
Ed Lipp	Chad Wrightson

From the Secretary

by *Dan McArdell*

Meeting Minutes from February 14, 2007

The meeting was called to order at 7:12 p.m.

Members present: 24; New Members: 0; Visitors: 0.

Board Reports

Vice President: No report

Safety: No issues at the field

Field Maintenance: No issues

Membership: We are up to 88 members

Events: The heli freeze fly on Feb 3rd went well, even though it was very cold. The TCRC auction was good for the sellers. The next club event is our cleanup day in April. A recommendation was made that we should patch the runway and taxi ways on cleanup day

Treasurer: No report

Old Business

The board discussed the idea of purchasing flight simulator software for the club at the January board meeting and decided against it due to licensing and other issues.

New Business

Paul Rono brought the new frequency board to the meeting and showed it to the members. The board is made of stainless steel and looks great! Paul's brother bent the corners and welded all the posts to the board. Paul also plans to mount a piece of angle iron to the back of the frequency board stand to hold more radios. He'll also pry out the mesh and grind down the sharp points on the stand. The cost for the parts comes to about \$100.00.

A motion was made, seconded, and voted in favor of, to have the secretary send a letter to Paul Rono's brother to thank him for his work on the new frequency board.

Show and Tell

Ed Ryan showed his Top Flite P-51 Mustang kit. It's quite a bit more challenging than other kits he's put together. He purchased it from Steve Pauley with a conversion kit. It's a C version, with a red tail based on a real plane that recently crashed. He strayed from scale to make the plane lighter.

Paul Rono showed an MD500 heli fuselage he is working on. He is building a new heli out of spare parts, and is making it electric. He will be using 4200maH 5s2p batteries.

David Fundakowski showed a trainer airplane that he designed with AutoCAD. He then had some of the parts laser cut. It has a 60" wingspan and he will be flying with electric. The total weight will be about 3.5 lbs. He based some of the dimensions from an AviaStar. He's got a build log posted on RC Universe.

Mike Erickson showed his new heli. He initially was looking at a T-rex electric but decided to go with a Thunder Tiger 50 SE. The servos are Futaba 9252s and he's using a new Futaba 401 gyro.

Raffle

1st place:	Ted Sanders: OS 46 FX
2nd place:	Bob Labrasch: Master caddy
3rd place:	Doug Pflager: Electric fuel pump
4th place:	Doug Pflager: Ball drivers
5th place:	Ted Sanders: Tail wheel bracket
6th place:	John Kletzin: Glue

From the Treasurer

by Steve Roman

SPMRC Net Worth - As of March 9, 2007

ASSETS

Cash and Bank Accounts

Field Fund Savings Acct 01	\$93.89
General Fund Checking Acct 10	\$4,596.84
General Fund	\$10.00
Seed Money Raffle	\$50.00
<i>TOTAL Cash and Bank Accounts</i>	<i>\$4,750.73</i>

Other Assets

Grille, Mower, Library, etc	\$7,428.00
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Investments

CDs	\$7,454.91
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OVERALL TOTAL \$19,633.64

A budget for 2007 will be available at the March meeting.

From the Editor

Greetings SPMRC Members! This issue marks the second year as editor. I appreciate your support and am glad to help out the club in this way. Again, if you have any comments or feedback feel free to contact me.

We all may have struggled in the past to set up a model properly. Here are some procedures from the AMA National Newsletter that you may find helpful this coming season.

From The Eagle's Nest, St. Clair County, Michigan

Flight Trimming

Submitted by Jack DeLisle

Proper Center of Gravity (CG): Method A Roll model inverted.

- A. Slight down elevator required for level flight—no adjustments.
- B. Significant down-elevator required to sustain level flight—move battery pack backward.
- C. No down-elevator required to sustain level flight—move battery pack forward.

Proper CG: Method B From level flight, roll model to a knife-edge.

- A. Model falls without dropping nose or tail—no adjustments.
- B. Nose drops—move battery pack backward.
- C. Tail drops—move battery pack forward.

Engine thrust up/down: From level flight out around 100 yards, pull to a vertical climb directly in front of you, release sticks and observe deviations.

- A. Model continues straight up—no adjustments.
- B. Model pitches toward wheels—decrease down thrust.
- C. Model pitches toward canopy—increase right thrust.

Engine thrust- left/right: Fly model straight and level into the wind and pull vertical.

- A. Model continues straight up—no adjustments.
- B. Model veers left—increase right thrust.
- C. Model veers right—decrease right thrust.

Knife-edge flight—pitch: Fly model into wind, maintaining knife-edge flight with minimal rudder. Do this from each direction.

- A. Model continues on knife edge without deviation—no adjustments.
- B. Model pitches toward landing gear—mix in up-elevator with rudder.
- C. Model pitches toward canopy—mix in down elevator with rudder. Knife edge flight—roll

Fly model into wind: do this from each direction, maintaining knife-edge flight with minimal rudder.

- A. Model continues on knife edge without deviation—no adjustments.
- B. Model tries to roll—mix in opposite aileron with rudder.

Aileron differential: Fly model level heading into the wind or downwind. Pull to a 45-degree climb, and roll with aileron.

- A. Model rolls without yaw—no adjustments.
- B. Model exits yawed in opposite direction of roll—increase differential. Increase up throw on aileron.
- C. Model exits yawed in direction of roll—decrease differential. Decrease up throw on aileron.

SPRC Officers

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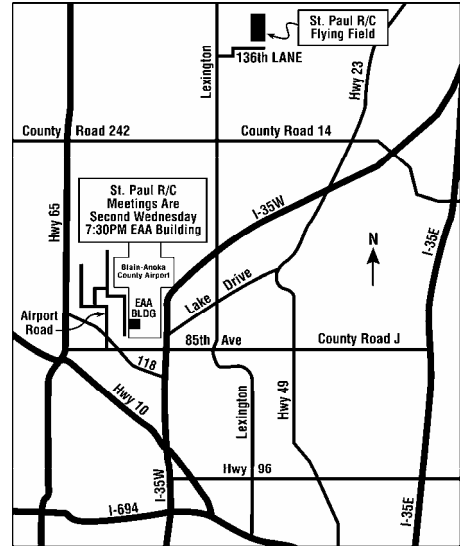
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SPMRC Club field is located 15 miles north of the Mpls/St. Paul area. From I-694 head north on I-35W, exit at Lexington. Follow Lexington north to 136th. Turn right on 136th and follow it east to the flying field.

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Newsletter of the St. Paul Model Radio Controllers, Inc.

C/O SPMRC Editor
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