



Newsletter for the Sentral Illinois Radio Society, Bloomington, IL

A.M.A. Chapter 621

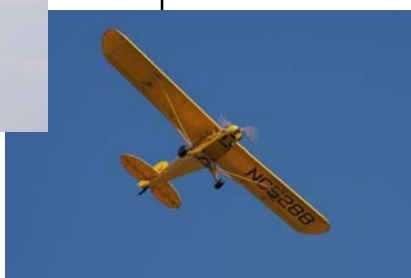
July 2009

July 2009 Newsletter

LBFI Results

We had a very successful Leukemia Benefit Fly-In June 5, 6 & 7 thanks to all the volunteers, SIRS members, vendors, sponsors, pilots, the Lions Club and the Thompson family.

This was one of the best-organized events in the AMA. Some weather that blew in Saturday prompted shutdown slightly early. Sunday was rainy and a few hardy flyers stuck around to show off for the public that came out. The event was promoted on the front page of the Pantagraph Sports section.



Pictures from Karl

AMA 424 Race Results

We had very hot weather and some rain over the weekend for the SIRS 424 Race. We ran 48 heats. Darwin Larson from Indiana and Jim Nickodem from Chicago won over the weekend. SIRS was well represented as Mike Wilson posted 26 points and Jay Cappis 22 points.

Flyers came from as far as NY, OH, IN and WI. Some very close racing on Sunday and really fast times. The fastest time for the weekend was by Bernie Vanderleest from WI. He flew 10 laps with a TT 40 Pro engine in 1:36 flat. The next 424 race will be September 12th and 13th.

Day 1

- 1st place - Darwin Larson - 1:39.06
- 2nd place - Mike Wilson - 1:40.50
- 3rd place - Bernie Vanderleest - 1:40.00



Day 2

- 1st Place - Jim Nickodem - 1:37.53
- 2nd Place - Bernie Vanderleest - 1:36.00
- 3rd Place - TJ Klise 1:37.91

This was some of the best racing in the Midwest for 424. Special thanks to all the course workers and cooks. It was a very well run contest.

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News and article submissions are encouraged

The *SIRS Newsletter* is published monthly as a membership service of the
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Club Officers

President
Mike Wilson
mmpjs.wilson@comcast.net

Vice President
Fred Logue
Fslogue@hotmail.com

Treasurer
Jim Danforth
JBD1097@verizon.net

Safety Officer
Dave Ludington
Dludington@normal.org

Secretary
Jay Capps
Capps4@msn.com

Newsletter Editor
Doug Mock
d_mock@hotmail.com

SIRS Web Page
<http://www.sirs-rc.com>

Club Meetings

Club meetings are held on the second Saturday of each month at the flying field. Meetings begin at 1900 (CST) and 2000 (CDT).

Classified and Advertising

Commercial advertising rates and submission information is available from SIRS-RC.com.

Ads are taken on a first come, first served basis with limited space available.

Advertising is also available on the SIRS website and may be included in print advertising packages.

Classified Ads may be placed by members for no additional charge. These are to be of a private sales nature.

SIRS, Inc Meeting Minutes - June, 13 2009

Call to order:

President Mike Wilson called the meeting to order at 8:04 PM. There were 16 members present

Previous Minutes:

Minutes were approved as published in the newsletter

Treasurer Report:

No report was given

Old Business:

- Leukemia Benefit June 5th, 6th and 7th: Dave Ludington presented thank you gifts to Joe, Doug, Fred and James Fred still has some t shirts left at \$5 each
- the 424 race is June 20th and 21st
- War bird day is July 4th
- Peoria fourstar race is July 18th
- Pekin fourstar Race is in August
- The Fun Fly will be run by Doug and Fred. It will be an Aeronautics Day/Fun Fly/Open House

New Business:

- Kirk Recycling will provide trash service to the club during flying season for \$55 per month
- A group of members will travel to a Church group in the Clinton area to demonstrate and explain RC airplanes
- Members discussed how to increase the pool of instructors

New Members:

Paul Nord - local family doctor. Paul has been a full-size flight instructor. Paul has known about the club and is now devoting some his time to RC airplanes

Deepak Monsingh - interested since he was young. Deepak spent much of his childhood in Africa where the hobby has little resources. He has lived in this area for four years, and finally found us

Show and tell:

- James Richter talked about his Discovery Flight. He took off, flew and landed the airplane
- Father Ric showed his kit built SIG clipped wing cub.
- Fred has his Viper for sale RTF with receiver.

Meeting adjourned at 9:06



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Glow to Electric Conversion

Many people are interested in converting their glow planes to electric. This has become a very popular subject in clubs and online forums throughout the RC spectrum. We will attempt to make things clear as mud:

The first step in finding the right electric-power system for your model is to determine the model's power requirements. 'Power' can be measured in 'watts'. Find Watts by multiplying

Volts times Amps. Ounces times 0.005 gives us the rough cubic inch requirements.

Multiply the displacement of the recommended glow engine by 2000 and that is about how many watts needed for good performance. For reference, a SIG FourStar weighs 4.75 pounds and the recommended engine is .40 (.38 rounded up) cubic inches. $.40 \times 2000 = 800$ watts. 800 watts is right between 4s and 5s lipo battery. By those numbers a .049 motor can be converted to roughly 90 watts. This is easily accomplished with a 3 cell LiPo.

So, a RimFire 35-30-950 Brushless has 296W continuous (peak). This is equivalent to roughly .10 cubic inch motor for a 20 ounce plane (including the motor and LiPo weight). Let's check out a big plane: 97" 22lb Edge 540 with motor. This takes a minimum 3.8 ci motor (62cc) which gives us 7600 watts needed, 26 times as much as the RimFire above. The Dual Inline Axi 5330 (at \$1000+) will accomplish this. Remember, be safe.

S.I.R.S. Newsletter Editor
 Doug Mock
 2207 Lamon Dr.
 Bloomington, IL 61704

July 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4 SIRS Warbirds
5	6	In the coming months.... July 4th - War Bird Day July 18th - Formula 4 star Race PRCM Mossville, IL August 8th – Formula 4 star Race Pekin RC Pekin, IL August 23rd – SIRS Aeronautics Day and Fun Fly				11 meeting
12	13					18 PRCM Fourstar
19	20					25
26	27					28