



# July 2017

## Newsletter

Volume 53 Number 7

### SIRS RC/CL



Check SIRS WEBSITE!

## Model Airplane Club

AMA District VI Chapter 621 Founded in 1964



The June Pylon Races were a great success!!

Thanks to the efforts of CD Jerry Worden, Fred Logue & Jim Danforth! Plus the membership turn out really made a huge difference!

The SIRS Newsletter is published monthly as a membership service of the  
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Come

Fly

With

Us!

At SIRS

Field

BEFORE

Our Next

Meeting

Saturday

July 8th

7:00 PM

Our Field is

Located near

Funks Grove,

IL see map

on the next

page! Visitors

& Guests

WELCOME

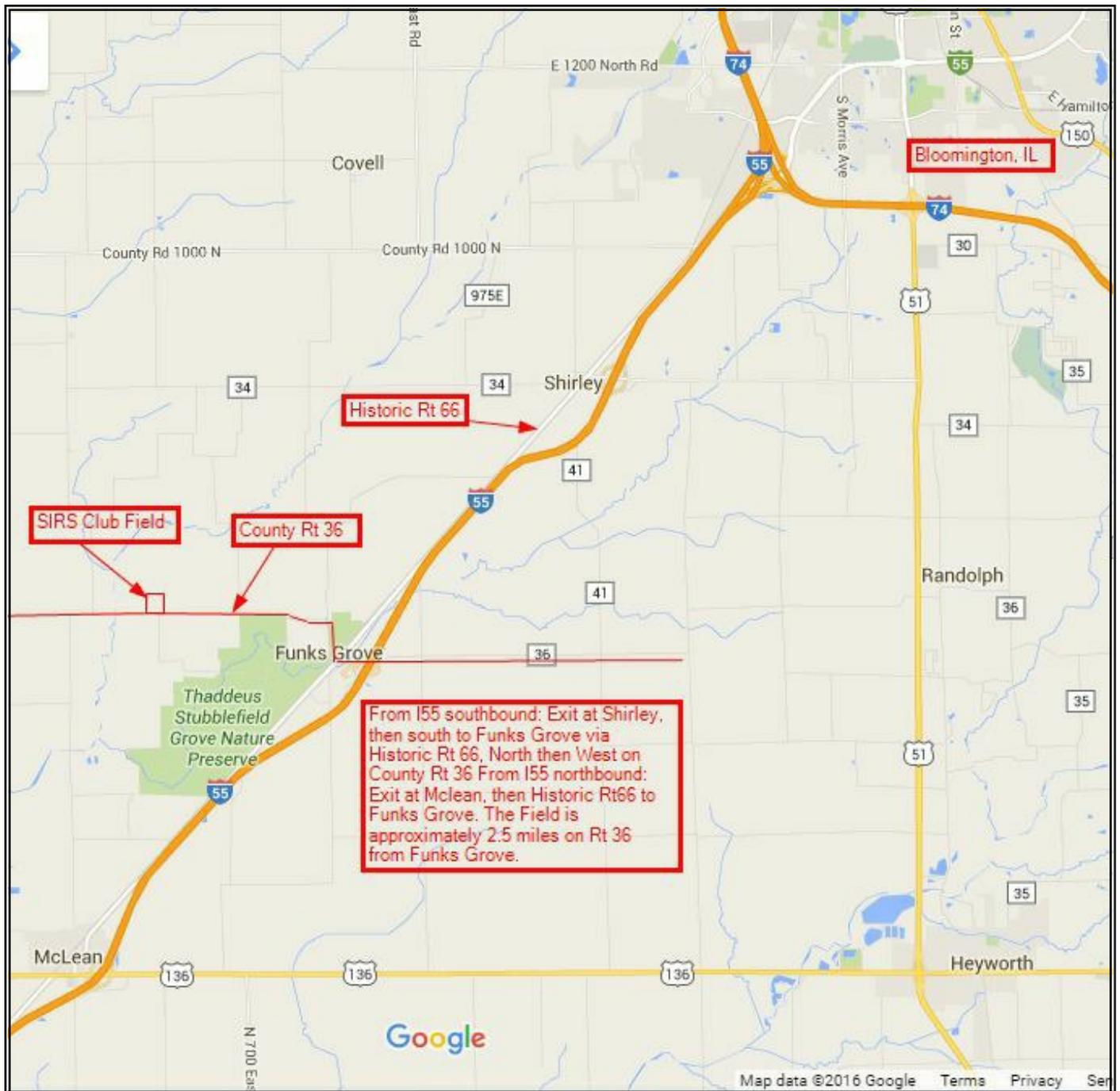
309-532-2497

**Club meetings are on the second Saturday  
of each month (April through October)  
at 7:00 PM**

**At SIRS Club Field**

**Guests and prospective members are welcome to attend.**

**Flying before the meeting weather permitting!!**



**Launching for a Pylon race.**



Preliminary financial report on June 24/25 pylon races , Treasurer J. Burrill

Revenue:

Race registrations	6/24	\$570
	6/25	515
Fuel sale		25
Food sales	6/24	142
	6/25	170
Total		\$1422

Expenses:

Plaques (donated)		
Fuel		378 (used 6 of 16 gallons)
Race Equipment rental		40
Food cost		124
Total		\$542

Net proceeds (Pending additional bills) \$880

Note: 10 gallons of fuel remain for September races and future events.

**Dues are per year Jan 1<sup>st</sup> to Dec31<sup>st</sup>**

**\$90.00 (Make checks payable to SIRS)**

**New members dues are prorated = \$45.00 in July**

**Name** \_\_\_\_\_

**Address: Street, City, State, Zip** \_\_\_\_\_

\_\_\_\_\_

**AMA #** \_\_\_\_\_ **Email** \_\_\_\_\_

**Phone Home** \_\_\_\_\_ **Cell** \_\_\_\_\_

**Mail check to: (Or bring to the meeting)**

**John Burrill**

**903 Approach Rd.**

**Normal, IL 61761**

**SIRS RC/CL Model Club**

**No minutes submitted for June**

**Buy and Sell**

Planes for Sale: **John Burrill** email: [john.burrill@comcast.net](mailto:john.burrill@comcast.net) cell phone 309 533 5675  
Need to reduce inventory to make room for more building.

.60 size Great Planes Shoestring, newly finished, needs servos, engine, radio. \$100

Great Planes Mini Super Sportster Wingspan 39.5" Ready to fly. Rimfire 400 motor. Just add radio and battery. \$100.

FlyZone Calypso motorized glider. Ready to Fly. Just add Rx and 3S battery. \$120

Older Cox Sky Cruiser Ready to fly. Includes radio (Cox Tx) and 2S battery. \$75.

**Steve Meyer** [steves\\_tile@yahoo.com](mailto:steves_tile@yahoo.com)

**ISO** Flight simulator setup:. Steve wants to buy a simulator (get some off field practice in).



Jerry Worden preflights John Burrill' ¼ scale RCAF Fleet Finch prior to its first test flight

## **Message to the SIRS Membership**

**We are considering making a new 30' x 150' Runway!**

**See a message sent to Gary from a USFabric representative next page.**

**Gary Lenhardt** has researched the US Fabrics Aeromodel US230 Geotextile runway fabric. Here is what he says in one of his messages to some of the SIRS officers:

*For all those interested in this project I have uploaded several files, some with pictures to my Google drive and have shared it through this link.*

<https://drive.google.com/open?id=0BzAPIb0ehCxhejFyTU92dklpd2s>

*Some of these documents may be kind of old and all the links in the documents may not still be good so keep that in mind when you try to use them.*

*Please feel free to read through all of it and feel free to contact Chuck Fedders at US Fabrics Inc with any questions you might have about their product.*

*Aeromodel US230 Geotextile Runway Fabric was designed specifically for model aircraft runway use and is the recommended material to use by the AMA.*

### **Here also are some links that I found from a Google search:**

**This is a write up from Model Aviation last year as to how the Arvada, Colorado Club did a control line circle.**

[http://www.modelaviationdigital.com/modelaviation/may\\_2016/?pg=150&pm=1&u1=friend](http://www.modelaviationdigital.com/modelaviation/may_2016/?pg=150&pm=1&u1=friend)

**Here is a link to USFabrics, the source of the runway material. They have a lot of links to installations etc.**

<https://www.usfabricsinc.com/products/rcaircraftgeotextile>

**Here is a link to the spec sheet for the US 230 Aeromodeling Geotextile**

<https://www.usfabricsinc.com/assets/pdf/products/us-230-aeromodeling-geotextile/us-230-aeromodeling-geotextile.pdf>

**Here is a discussion of this type runway on RCGroups**

<https://www.rcgroups.com/forums/showthread.php?2416447-Geo-textile-Runway>

**You can find many more if you search.**

**Gary has researched the cost and it will be around \$1200 or so for a 30' x 150' runway. We can always expand this at a future date if desired.**

**There will be a discussion at the July meeting as to whether a runway such as this is feasible for the SIRS field.**

Here is an email that Gary received from Chuck Fedders of US Fabrics:

Gary,

Good morning, thanks for checking us out online as well as your email

The material we have generally seen for the RC aircraft airfield use is our US 230 .

<https://www.youtube.com/watch?v=X2GzsV6jVL8&feature=youtu.be> - video

This is a specialized woven reinforcement fabric with added UV resistance. The US 230 is offered in a 15'x 300' roll size. The rolls are priced @ \$1.60/square yard or \$800/roll plus freight. Freight to the Bloomington IL area based on a single roll is \$230 - should your quantities change please advise. This material is currently in stock, estimated freight time is 1 - 2 days.

Here are some recent notes on typical installations:

[https://www.usfabricsinc.com/assets/pdf/installation/Aeromodel\\_install\\_15.pdf](https://www.usfabricsinc.com/assets/pdf/installation/Aeromodel_install_15.pdf)

The field prep to my understanding can range from mowing the field, to mowing & the use of a "roundup" type product to kill the vegetation, to some clubs blading off an area to remove the vegetation & provide a smooth & even surface prior to the fabric being deployed.

The fabric is generally held in place by sod staples - 6-in x 1-in x 6-in "U" shaped wire staple. From me they are available in boxes of 1,000 @ \$60/box - no additional freight if shipped with the fabric. Some users have sourced the staples locally.

Stapling frequency has ranged from 5 - 10-ft on center, or just along the outer edges - you may want to check with fellow flyers at other clubs who have utilized the fabrics as to their recommendations.

Some clubs opt to use an adhesive on the seams as well. Overlap geotextile edges 6" or so and glue it with something like Black Jack® brand Emulsion Roof Coating. Another option is Loctite's Spray Adhesive - [http://www.loctiteproducts.com/p/a\\_cntct\\_pro/overview/Loctite-Spray-Adhesive-Professional-Performance.htm](http://www.loctiteproducts.com/p/a_cntct_pro/overview/Loctite-Spray-Adhesive-Professional-Performance.htm) available from Lowes & other hardware type stores - Lowes : [http://www.lowes.com/pd\\_354701-69-1629134\\_0\\_\\_?productId=3621154&Ntt=loctite%C3%82%C2%AE+spray+adhesive+heavy&pl=1&currentURL=%3FNtt%3Dloctite%25C3%2582%25C2%25AE%2Bspray%2Bbadhesive%2Bheavy&facetInfo=](http://www.lowes.com/pd_354701-69-1629134_0__?productId=3621154&Ntt=loctite%C3%82%C2%AE+spray+adhesive+heavy&pl=1&currentURL=%3FNtt%3Dloctite%25C3%2582%25C2%25AE%2Bspray%2Bbadhesive%2Bheavy&facetInfo=)

Thanks again for your inquiry. Please feel free to call or email with any questions or comments.

Regards, Chuck Fedders

US Fabrics Inc

800-518-2290

513-271-6000

513-271-4420 Fax

[chuck@usfabrics.com](mailto:chuck@usfabrics.com)

[www.usfabrics.com](http://www.usfabrics.com)

## Some Photos from the Pylon Races:



## 2017 Events Schedule

**All EVENTS at the Field are subject to favorable weather!**

Club Meeting July 8<sup>th</sup> 7:00 PM at the Field

August 12<sup>th</sup> Model Aviation Day SIRS Open House

Sept 9-10 Field of Dreams Fall Classic Pylon racing

October 8<sup>th</sup> Ringmaster Fly-A-Thon

October 14<sup>th</sup> Thompson Cup Pylon Race (club meeting at the field)

November Sunday 12<sup>th</sup> Annual SIRS Banquet at Covell Community Building

**Here is a link you might enjoy:**

**The greatest pioneer woman pilot?? May surprise you!!**

**<http://www.stickandtissue.com/cgi-bin/yabb2/YaBB.pl?num=1498924473>**

**The link above is from a great forum for those of you who enjoy free flight and building! Check it out!!**

May there always be work for your hands to do, May your purse always hold a coin or two. May the sun always shine warm on your windowpane, May a rainbow be certain to follow each rain. May the hand of a friend always be near you, And may God fill your heart with gladness to cheer you. - Irish Blessing

John Cralley, Editor

[jccrall@ilstu.edu](mailto:jccrall@ilstu.edu)

Send me your **NEWS**, Photos and any model aviation related information to share!!