



March 2016

Newsletter

Volume 52 Number 3



SIRS RC/CL

Model Airplane Club

AMA District VI Chapter 621 Founded in 1964

2016 Events Schedule

- April 9th Field clean up day. Club meeting at the church.
May 14th Club meeting (location to be announced)
June 11th Club meeting at the field
June 25, 26 Pylon racing (field prep will occur the week before)
July 9th Club meeting at the field
August 13th Model Aviation Day/Open House (club meeting at the field)
Sept 11, 12 Pylon racing (field prep will occur the week before club meeting at the field Saturday)
October 2nd Ringmaster Fly-A-Thon
Thompson Cup pylon race? (Maybe October 8 & Club meeting)

Officers:

President

Jerry Worden

309 454 3905

jwfly1697@msn.com

Vice President

Bob Stadsholt

309 838 9902

bstads@comcast.net

Secretary

John Burrill

309 454 6790

John.burrill@comcast.net

Treasurer

Jim Danforth (Club Contact)

309 665 0923

jamesgordond@gmail.com

Safety Officer

Ken Ausili

309 379 3704

Kjausili@hotmail.com

Editor

John Cralley

309 452 7391

jccrall@ilstu.edu

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a membership service of the
Sentral Illinois Radio Society, Inc.
Bloomington, IL 61704.

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reprinted by members and other AMA clubs with
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prior permission to reprint.**

Come
Fly
With
Us!
In the Gym
After
The March 12th
Meeting
At
7:00 PM
St. Mary's
Church
School
527 West
Jackson St.
Bloomington,
Illinois
Prospective
Members
Visitors
Guests
WELCOME

Next Club meeting is March 12th at 7:00 PM

St. Mary's Church School cafeteria.

527 W. Jackson, Bloomington, IL

Flying in the gym after the meeting!

Guests and prospective members are welcome to attend.



Learn to fly Control Line models. We will have planes and instructors available so you can avoid the scenario below! Check future Newsletters for time and dates of control line training sessions. You can be a part of the Annual Worldwide Ringmaster Fly-A-Thon biggest control line Fun-Fly in the world next October 2nd.



Dues were due January 31st

\$90.00 Prorated for new members (Make checks payable to SIRS)

Name _____

Address _____

City, State, Zip _____

AMA # _____ **Email** _____

Phone Home _____ **Cell** _____

Mail check to: (Or bring to the meeting)

Jim Danforth

18943 E. Pioneer St.

Bloomington, IL 61705-5824

Unapproved Minutes of the February 13, 2016 meeting in the cafeteria of St. Mary's School

President Jerry opened the meeting at 7:00 PM. Members attending as indicated on the sign-in sheet were our host Father Ric, President Jerry Worden, Vice President Bob Stadsholt attending by phone from Florida, treasurer Jim Danforth, Secretary John Burrill, Communications Officer John Cralley, Jerry Bessler, and two visitors and we hope future members, Mark Kletz and Steve Young.

The minutes of the December meeting had been provided in the newsletter, and Jerry reviewed the highlights and items which would be dealt with in Old Business.

Treasurer's report:

Treasurer Jim presented a verbal report, which indicated that our bank balance would be \$8,232.73 after the pending deposit. Our 2016 registration with AMA was late due to a problem with forms, but will be completed in time.

Jim Danforth moved acceptance of the minutes and the Treasurer's report, seconded by Father Ric. Carried.

Old Business:

Jerry will contact Frank Beck in hopes of confirming the Scouts participation in the pylon racing event. He suggested we be prepared to offer some trainer time, rocketry etc. to make the day interesting for the Scouts.

A date needs to be set for the Open House, and Jerry suggested the second weekend in July, which was when the warbirds event was held previously. It was suggested that we hold it on August 13th the same day as the national "Model Aviation Day." The date was approved on a motion by John Cralley, seconded by Father Ric. John Cralley reported on the contacts with Heartland Community College about a Community Education program in the Fall. It was suggested we offer four two hour sessions, starting after Labor Day. John C. handed out forms which need to be filled out by anyone who might instruct or help with program, the purpose of the forms being to authorize background checks.

Jerry agreed to chair a committee to develop a curriculum for the program, and members present indicated they would assist with this. A title for the course was suggested: "Exploring Flight through Model Aviation". Actual flying demonstrations and even experience could be provided either at our field or at the Corn Crib.

New Business:

John C. asked if there was a newsletter at State Farm that could be used to help promote the Club. Jim will inquire.

Steve Young suggested radio stations might be good for promotion as well.

Jerry suggested the second Saturday in May as a date for a going away party for Father Ric. Father Ric said he would check his calendar to see if he was available that day.

The second Saturday in April will be a Club field clean up day. Members please mark your calendars and plan to be there.

Bob referred to the field maintenance plan he presented at the last meeting and said that day in April might work for the first application, depending on soil temperature, which should be 55 deg.F.

Father Ric will speak to the new pastor of St. Mary's about our continuing to have our winter meetings in the school.

There was some discussion about the bios in the newsletter. The consensus seemed to be that we need bios of new members as well as experienced members. John Cralley made the point that in any case he needs the write-ups if they are to go into the newsletter.

Father Ric moved adjournment, seconded by Jerry Bessler.

The group moved to the table of "freebies" Father Ric had brought to the meeting, and to flying several models in the gym. Jerry Bessler gets the prize for bringing the most A/C to fly.

Safety First!!

Reprinted from the March 2006 SIRS Newsletter

From the Willamette Modelers Club of Oregon, Albany OR

Solvent Toxicity

By David Rosenberg

Technical Editor's Note: Know your solvents—they can be very useful but can have serious health repercussions if used without sufficient ventilation. Never use an ordinary electric fan to “suck” air out of a room where solvents are in use—instead set up your workroom so the fan blows air through and out of the room.

Acetone (Dope thinner, both Nitrate, and Butyrate)

Boiling Range: 130°-134°F

Fire Point: 0°F.

Toxicity: Acetone is a mild narcotic, skin irritant, and has a de-fatting action on the skin. Prolonged inhalation may cause headaches.

Storage: Use minimum volume containers, either High density polyethylene (HDPE) or Polypropylene (PP). They have low vapor transmission, minimizing evaporation.

Safety Precautions: Use with gloves and eye protection in well-ventilated area.

This is a very dangerous and underrated solvent. Store it in sealed, solvent-proof containers in a cool place away from ignition sources such as a furnace or gas tank heaters. Do not store in a refrigerator.

Accumulated fumes can be ignited from a spark from the exposed door switch. Underwriter's

Labs have confirmed home explosions from flammable solvents stored in refrigerators.

Methyl Alcohol (Methanol and Wood alcohol)

Boiling Point: 146°-153°F

Fire Point: 52°F (open cup)

Toxicity: It has distinct narcotic properties. It is a cumulative poison, affecting the nervous system, especially the optic nerve, causing optic neuritis and blindness. It is an irritant to mucous membranes and skin can become dry and cracked because of the solvent action

Isopropyl Alcohol (Isopropanol)

Boiling Point: 175°-178°F

Fire Point: 67°F (open cup)

Toxicity: Not rated as a toxic compound but it is an irritant to mucous membranes and eyes and is a mild narcotic.

Rubbing alcohol is a mixture of 70% Isopropanol, and 30% water. It should be stored in bottles made from HDPE which has a low vapor transmission and minimizes evaporation. It is an excellent industrial degreaser. I have used it successfully for decades at both General Electric and General Motors to clean both metal and polymer surfaces prior to adhesive bonding. Its flammability is one of its drawbacks.

Meet Our Members

Jerry Worden



Jerry is our 2016 SIRS President. He and his wife, Libby and live in Normal, IL. They have three children, Pat, Justin and Katie.

Jerry mans the parts department at Extreme Nissan in Bloomington and aside from his model airplane hobby he is a motorcycle enthusiast.

Jerry got his start, as did many of us older modelers in engine powered model airplanes, with a “ready to fly” COX PT 19 back in 1967! He went ahead to build larger control line model kits and still enjoys flying them today.

In those days RC models were primitive compared with today’s integrated circuit, multichannel systems. Jerry got into Radio Controlled modeling and became an expert builder/pilot. He has competed in pylon racing and aerobatics and has been a contest director. Jerry also has served the AMA as an Associate Vice President for District VI. Nowadays he enjoys sport flying, especially Warbird and Vintage Scale models. His love of model airplanes was passed on to his son Justin who is himself an expert pilot. Along the way, after joining SIRS, Jerry has held every office position in our club except for treasurer.

Jerry is an invaluable resource of information and modeling knowledge and he has trained many new pilots in RC flying. The Club is fortunate in having him serving as this year’s president!



Jerry preps his Chipmunk

Attention

Bring your new FAA registration information to the meeting!

Jerry Worden will bring a label maker to the meeting and can make labels for your models.

Remember the FAA requires a label with your # attached to every model over 0.55 lbs that you fly!

Some links that may interest (entertain) you:

[B 29 with X-1 aboard](#) great video!

[Jerry Worden does maiden flight with my new Hobbyzone Sport Cub in the school gym.](#)

Mass drone (quad (multi) copter flight!

All human beings should try to learn before they die what they are running from, and to, and why! James Thurber, writer and cartoonist (1894-1961)

John Cralley, Editor

jccrall@ilstu.edu

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