



# The Sunbeam

## INDOOR FLYING AT THE MEETING

This is a reminder that the Feb. and March meetings of the Central Iowa Aeromodelers are a fun fly with a brief agenda at the 3M community building. Over the past two last years, everyone had a great time and got to try out indoor RC gear.

Be sure to charge up your batteries and come! Your old one's might need replacement. If you don't have indoor aircraft come and spectate anyway.

The 3M Community Building is at 900 Dayton Avenue in East Ames. Here are the details from our Facebook page:

Drive to the northeast end of the parking lot, a driveway will go to the building. Highly suggest you drive in, unload or carry in your stuff, and park in the main lot. Parking space is a premium. **AND STAY OFF THE GRASS!**

Tuesday,  
February 12, March 12  
6:00 p.m.-8:30 p.m.

- 2019 AMA membership mandatory. Open to club members whose 2019 dues have been paid. Guests welcome.
- Club Safety Officer will inspect all aircraft. Note-this is a gym with high ceilings, so bring suitable aircraft.
- \$5 for club members, \$10 for guests.

Questions contact:  
Craig Krueger 515-231-7047 or  
Wayne Hauber 515-291-0300

## Club Calendar

- February 12** Indoor flying at the 3M Rec Center  
See Page 3.
- March 12** Indoor flying at the 3M Rec Center

**WANTED** 12" square piece of tempered masonite.  
Call Denny Goodrich 515-505-0408



Like us on FaceBook!  
Join the group, make a reasonable comment,  
upload a photo!

**President's Column**

Mark Taylor

Almost March Madness:

What a bittersweet time of year this is!

It's nowhere near good enough weather to fly, and there's plenty of building time indoors, but the nearness of spring is a somewhat bitter reminder that most of my big projects are not going to be done in time to fly this year.

So, the practicalities of getting ready to fly for the coming year tend to occupy our thoughts and our time. I try to organize my thoughts around what are the major two or three airplanes that I will concentrate on in any given year and what are the details I need to attend to make them ready.

Batteries seem to top the list in terms of fitness and readiness. Last year, I learned a surprising fact from a battery expert, the guy who runs no BS batteries: about my old beloved Nicads. I don't mind the weight, since my warbirds always require a big blob of lead in the nose anyway, and I loved the fact that they were very stable battery even if you didn't charge them very often, or even let them sit for a year or two. Not big power houses in terms of energy available or rate of delivery but always dependable and neglect-resistant.

Steve informs me that NiCad construction has changed over the last decade. Nicads now are designed to deliver more current and more capacity to weight ratio, but their lifespan is a measly 2 to 3 years. I have found this to be true no matter what brand I own. I thought maybe I needed to charge them more diligently or frequently and I designed a complex routine for keeping all of my battery packs charged all winter. It didn't seem to have any effect and all my battery packs eventually died after two or three years. Apparently that is expected with the new Nicad technology.

I would really like to have the old technology back. I am using more lipo's now on ancillary applications like starter motors and electric planes, but I haven't grown to trust them like I do Nicads and some of my planes are so old that I would have to convert to high voltage servos to use Lipo batteries. *(Or add a voltage regulator Ed.)*

Anyway, if you're old fashioned like me, better check your Nicads, especially if you bought them in the last five years or so. Avoid the frustration of going out for your first flight of the year and finding that you have to go to the store and buy batteries instead.

Mark Taylor

Central Iowa Aeromodelers  
Presents  
Three Indoor Electric Fun Fly Ins

Tuesdays, Jan. 8, Feb. 12 & Mar. 12

6:00 P.M. – 8:30 P.M.

(In place of our monthly meeting)

3M Rec Building, 900 Dayton Ave, Ames, Iowa

Drive to northeast end of the main parking lot; you will find a short one lane driveway that goes to the building. Parking is in the main lot.

If needed, you can unload next to the building then move your car to the main lot.

Also, PLEASE STAY OFF THE GRASS!

The 3M building is a basketball court with extra space for setup tables, chargers and pilots.

Small aircraft such as foamy park flyers, small helicopters and quads are suitable.

Do not bring drone sized flyers or powerful aircraft.

The safety officer may ground unsuitable aircraft.

Current AMA membership needed regardless of club member or guest.

Open to club members whose 2019 dues have been paid.

Guest fliers are welcome.

Cost for fliers is \$5. Spectators are free!

Questions contact:

Craig Krueger 515-231-7047 or

Wayne Hauber 515-291-0300



## The Scrap Bin

Denny Goodrich

Out of the deep freeze! I hope the Polar Vortex can behave itself for the remainder of the winter.

I was looking for parts for an O.S. FS-70II Surpass the other day. This is an out dated engine and it is getting difficult to find a few of the parts you might want to keep the thing going. A couple of years ago I did a similar thing with an old FS-61, for which the piston wrist pins not available. However, the pin for the FS-91 and FS-120 is the same diameter, but longer. To cut it off to length I marked it with a blue tape. The edge of the tape is the actual needed length. I checked it up in a drill and laid it on the table. I then placed my Moto-tool fitted with a cutoff wheel so that it was in the same alignment as the drill. I put a rubber band around the drill trigger to let it run. Then I drew the cutoff wheel into contact with the pin and slowly cut it off. The end was square and regular and ready to install. Apologies for the bad photo. Voila!





## Mower and Container Fundraising Campaign

We have a debt to retire. Spontaneous donations have made a big dent.

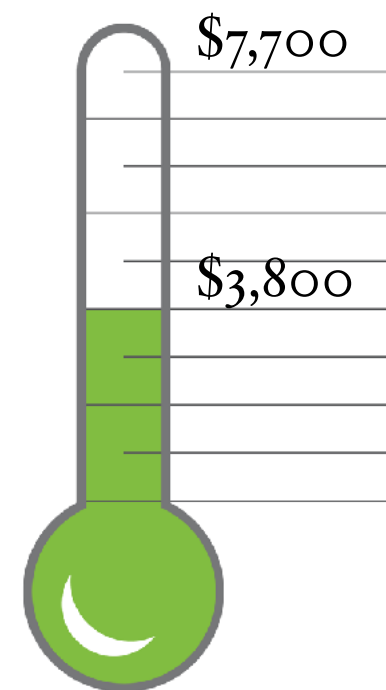
Now we need YOUR participation.

Send your donation to Dave Popelka. (see last page)



**Renew your AMA membership!**

### Fundraising Goals



## The Central Iowa Aeromodelers

<http://centraliowaeromodelers.weebly.com/index.html>

This club has been established to promote all facets of the hobby/sport of model aviation and to provide assistance and fellowship for its members. AMA Charter 2091.

For information about modeling or this club contact:

Mark Taylor	-President	232-0848	<a href="mailto:mktaylor145@earthlink.net">mktaylor145@earthlink.net</a>
Craig Kreuger	-Vice President	231-7047	<a href="mailto:rcflyer02@gmail.com">rcflyer02@gmail.com</a>
Andrew Albinger	-Safety Officer	515 203-9495	<a href="mailto:andrew.albinger@gmail.com">andrew.albinger@gmail.com</a>
Dave Popelka	-Treasurer	515- 231-8924	<a href="mailto:dmpopelka@gmail.com">dmpopelka@gmail.com</a>
Dennis Goodrich	-Secretary / Newsletter	505-0408	<a href="mailto:dennyginia@yahoo.com">dennyginia@yahoo.com</a>
Wayne Hauber	-Field Marshall	291-0300	<a href="mailto:wjhauber@gmail.com">wjhauber@gmail.com</a>

### 2019 Central Iowa Aeromodelers Membership Form

**Annual Dues:**

Open Member	\$100 - Any Open AMA member.
Student	\$ 35 - Full time college undergrad/school student of any capability
Family Membership	\$100 - Includes spouse and all in household 18 & under.
Newsletter Subscription	\$ 10 - For non members only.

NO REFUNDS ON DUES PAID

THESE DUES ARE ADDITIONAL TO ACADEMY OF MODEL AERONAUTICS MEMBERSHIP

<https://www.modelaircraft.org/joinrenew.aspx>

All except newsletter subscription require proof of current Academy of Model Aeronautics membership.

Make checks payable to Central Iowa Aeromodelers. Mail to: Dave Popelka, 1616 Amherst Dr., Ames IA 50014.

Please note reason for payment.

Name: \_\_\_\_\_

Today's Date: \_\_\_\_\_ AMA No: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Email Address: \_\_\_\_\_

Telephone: (\_\_\_\_) \_\_\_\_-\_\_\_\_ R/C Channels You Use: \_\_\_\_, \_\_\_\_, \_\_\_\_

CIRCLE MEMBERSHIP CATEGORY(S):

OPEN

STUDENT

FAMILY

NEWSLETTER

### Comments to the Editor

Any comments concerning this issue of the Sunbeam can be made via email to Denny Goodrich at [dennyginia@yahoo.com](mailto:dennyginia@yahoo.com). You can also call: (515) 292-6326.