



# The Sunbeam

## President's Column

Mark Taylor

Deep, Meaningful Thoughts:

Changes in the hobby, on a national level and a personal and local level have caused me to reflect upon the wisdom of maintaining an old-fashioned approach to RC flying.

Clearly, demographics of the hobby have changed dramatically in the last 20-30 years. Most of us who have been RC flying those 20 to 30 years, tend to stick to the old ways and express dismay and contempt for "the kids" who fly electric and drones and "don't build their own stuff."

Maybe, like Clint Eastwood showed in the movie Gran Torino, that's not such a wise or practical mindset, even for the pure of heart. Building giant historical machines from the ground up may be noble and for brief moments satisfying when we're done, but then flying them with minimal electronic assistance puts them at tremendous risk for being turned to dust for any tiny little mistake. The endless result is that we spend enormous amounts of time building and fussing and fixing, but only get a few precious moments of actual flying time.

Maybe the wholesale conversion of the hobby to ARF's and GPS-assisted devices is not so much a youthful abdication of aviation responsibilities, but is just a practical and logical way to enhance the hassle-to-fun ratio and minimize expense.

Maybe we're just being stubborn old farts and not benefiting from technology and societal evolution.

(cont'd on Page 2)

## Club Calendar

**December 11** 6:00 p.m. at the West Towne Pub,  
4518 Mortensen Road, in Ames.  
**Eat and drink for a goodwill offering!**  
**There will be no gift exchange this year.**  
Christmas Party/Meeting and Voting for 2019  
Executive Council.

**January 1** Penguin Fly ? Say at 1:00 p.m. ?

**February 2** - Saturday - Iowa City Aerohawks Swap Meet  
& Auction. Coralville Marriott Hotel &  
Conference Center, 300 East 9th Street

<http://www.iowacityaerohawks.com/>

See page 4.



Like us on FaceBook!

Join the group, make a reasonable comment,  
upload a photo!

*President's Column cont'd*

Haven't a lot of you guys gone out to the field with some cheap little airplane that you just threw in the van and just had an enormous amount of fun with it and thought to yourself: "I could've stayed here all day setting up my multi-engine oil-spitting thunderous historical classic and flown it maybe eight minutes?"

Additionally, the infrastructure required for flying the huge old models is logarithmically more expensive and difficult to maintain than for the smaller cheaper Electric Kittens. And you know what? At about 150 feet away, you can't tell the difference between them. How much field and runway and mower would we need if everybody flew 60 inch wingspan electric's?

I have personally considered changing my strategy to just flying the big warbirds at the half dozen or so big fields in the Midwest, where still 100 or more pilots gather for big events and we all relish each other's noisy oil spitting, prone-to-crash monsters. Then, maybe it would be more financially and socially reasonable to have a small shop, fly small airplanes off a smaller field closer to home.

As you know, those who still fly the monsters are becoming a steadily older demographic and perhaps we could attract more young participants if we de-emphasized the monsters and promoted the smaller friendlier easier models. Also, a steadily older demographic also means that we're going to die off, or at least become too feeble to load and unload 50 to 70 pound models and get them ready to fly.

Dave Popelka, as you know, is a little bit of a hybrid genius at this game. He still flies warbirds, but he has a lot of fun with the newer electric models and he still puts on quite a show when he goes out to the field.

I welcome your thoughts and comments

Now: "Get Off My Lawn!"



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## ADHESIVE PROPERTIES

Glue type	Common names	Common application	Drawbacks	Advantages
Canopy glue	Pacer Formula 560	Attaching plastic detail parts	Overnight drying time	Water soluble; dries clear and flexible to finished models
Cellulose glue	Ambroid, Duco Cement	Wooden airframe assembly	Flammable when wet because of acetone	Lightweight and easily sanded
Contact cement	GWS Glue, UHU por	Applying wood sheeting to foam wings	Requires a two-step process	Bonds are typically instant and permanent
Cyanoacrylate	CA, Super Glue, Zap, Hot Stuff, Jet Glues	Nearly everything	Can be an irritant; joints are brittle	Fast cure time
Epoxy	Z-Poxy, two-part epoxy, 5-minute epoxy, finishing resin	Bonding high-stress joints; applying fiberglass cloth	Heavy; requires precise mixing	Robust
Goop	Amazing Goop, Shoe Goo	Joining vibration-prone components	Strong odor; somewhat heavy	Strong, flexible joints
Hot glue	Hot glue, low-temperature hot glue	Sheet-foam models	Brittle in cold weather	Allows for fast building
Polyurethane glue	Gorilla Glue, Elmer's Pro-Bond	Crash repairs	Typically has a short shelf life	Expands to fill gaps
PVA glue	White glue, Elmer's Glue, carpenter's glue, aliphatic glue	Wooden airframe assembly	Slow drying; other glues do not stick well to cured PVA	Non-toxic; strong bonds
Water-based polyurethane	Minwax Polycrylic, Rust-Oleum Varathane	Applying fiberglass cloth	Finish is prone to dings and hangar rash	Lightweight; inexpensive; easy to apply



## Scenes from a previous Aerohawks Swap Shop and Auction



**RADIO CONTROL**

Coralville Convention Center

**30000 SQ/Ft Venu**

Iowa City Aerohawks

# Swap Meet

16th Annual

and AUCTION

# SATURDAY

## FEBRUARY 2nd, 2019

**PLANES, DRONES, CARS,  
HELICOPTERS, BOATS**

**\$6 Admission**

**Kids 12 & Under FREE!**



**VIP Spots: Contact Rich**

Email: [rich.vedepo@gmail.com](mailto:rich.vedepo@gmail.com)

or call Rich @ 319.358.8519

**Setup@ 8AM / Doors Open@ 9**

**AUCTION @Noon**

**\$15 for 8 Foot Table w/chair**

(includes 1 Admission)

**Additional Tables \$12**

**Flyer & Map at:**

[iowacityaerohawks.com](http://iowacityaerohawks.com)

**Food and Beverages Available**



**I-80 to Exit 242, East on 9th,  
Right on Quarry Road to the  
Coralville Convention Center**

**Everything RC 140+ Tables VENDORS TOO**



**Coralville. Iowa**

**AEROHAWKS**  
Academy of Model Aeronautics 524

## Mower and Container Fundraising Campaign

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

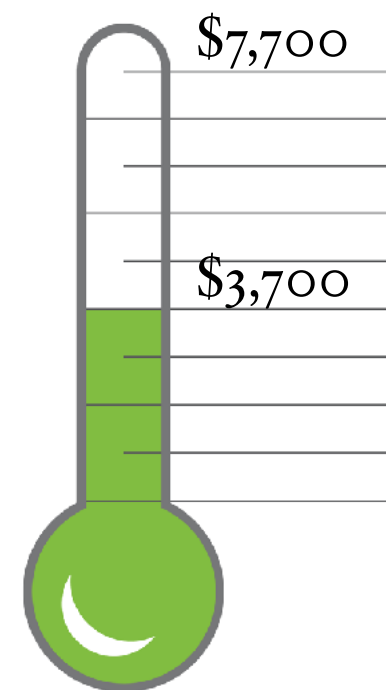
Now we need YOUR participation.

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:

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Craig Kreuger	-Vice President	231-7047	<a href="mailto:rcflyer02@gmail.com">rcflyer02@gmail.com</a>
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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>

### 2018 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.