



ACADEMY OF MODEL AERONAUTICS CHARTERED CLUB #1255

SERVO CHATTER

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ANOKA COUNTY RADIO CONTROL CLUB, INC.

APRIL 2025

THE APRIL 17TH MEETING IS INDOORS AT CRCC!!

PRESIDENT'S CHATTER

SPRING?

Absolutely will be here in Minnesota before the fourth of July. I was all set for an early spring until nature decided differently. This is why I have decided to try to clear out my hanger a bit.

For those that may have known Charlie Elg I have some of his collection to sell. He was a member for more than twenty years and was part of our mowing crew. He loved his Mustangs and more power! I purchased a half dozen planes and some misc. items from his daughter and son-in-law in Wisconsin. I also have some planes left from a couple other estates.

Bud Nosen 105-inch Citabria cloth covered and painted air frame only with full plans new windshield and a repaired and painted wood built up cowl.

Aeronca C-3 108-inch cloth covered servos and new OS61 four-stroke installed never flown.

Senior Kadet full plans super tiger g20 two stroke wheels and floats with custom welded mounting gear.

Cloud Dancer 120 plans 150 Saito four cycle receiver ready.

Techone Hobby Saturn Super E bind-n-fly with two wings red and blue flies on 3s.



Some of the planes Jeff has for sale

Hanger 9 P51D 60 arf Bind-n-fly Saito 100 retracts extra wings new in plastic, canopies, aluminum spinners air scoops.

Great Planes Twin Star Bind-n-fly extra nose cone flies on 3s.

Phoenix models Focke Wulf 55-inch Bind-n-fly OSFSV95 flaps retracts.

Just to name a few that are ready to leave my shop for garage sale prices so someone can enjoy them this spring. I do deliver. Call me if you are interested 763-276-5899, I can send pictures.

See you all at the meeting.

Jeff Slater

FROM THE VEEP

I'm starting this month's article with two goals in mind. First, get through it without any self-critical



comments about whether or not you all appreciate what I write. Second, begin with the upcoming raffle prizes, so that I don't run out of room to mention them later.

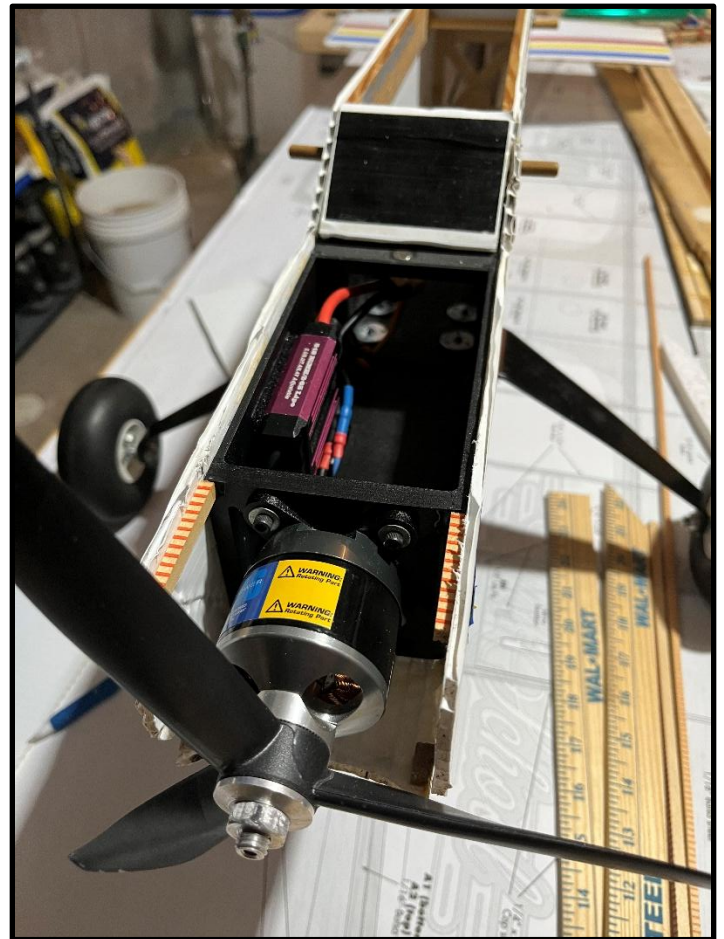
I recently went on a raffle prize shopping spree, so I now have 3 or so months of goodies in my storage tote. The items I chose are tools, glues, and safety components that any modeler should want, so I'm looking forward to your excited faces when I call your ticket number. In particular this month, I will have a metal ammo box that can be used for storing and transporting your LiPo batteries. This was inspired by the recent show-and-tell where a very nice new turbine jet was destroyed when the battery being charged inside the fuselage went POOF! While the jet was a loss, the house was saved by some quick action and a nearby fire extinguisher that was properly rated for the type of fire. So, it's a raffle prize with a lesson to go with it. Don't forget to drill some holes in the lid of the ammo box to relieve the pressure that would otherwise build up. I learned that a LiPo in a combustion situation will create its own oxygen to help it burn.

Now that I've gotten that taken care of, I can move on to some other fun stuff: Adventures in Aeromodelling, my ever-faithful Trainer. I keep a photo album on my phone that is for any RC airplane related pictures. When looking back, the first digital photo I have of my airplanes is of my Trainer when I had just completed the final touches.



Ryan's Trainer ready for maiden flight 13 years ago

The Coroplast and yard stick airplane has been through a lot over the 13 years that I've flown her. Since she was my first plane of my own that I soloed on, she has endured many crashes and injuries as I worked to gain the experience I needed. It seems that every repair I've made has only made the characteristically heavy plastic plane heavier. After my latest addition, the 3D printed structure that connects everything from firewall to main landing gear, I was nervous that she would be too heavy to fly.

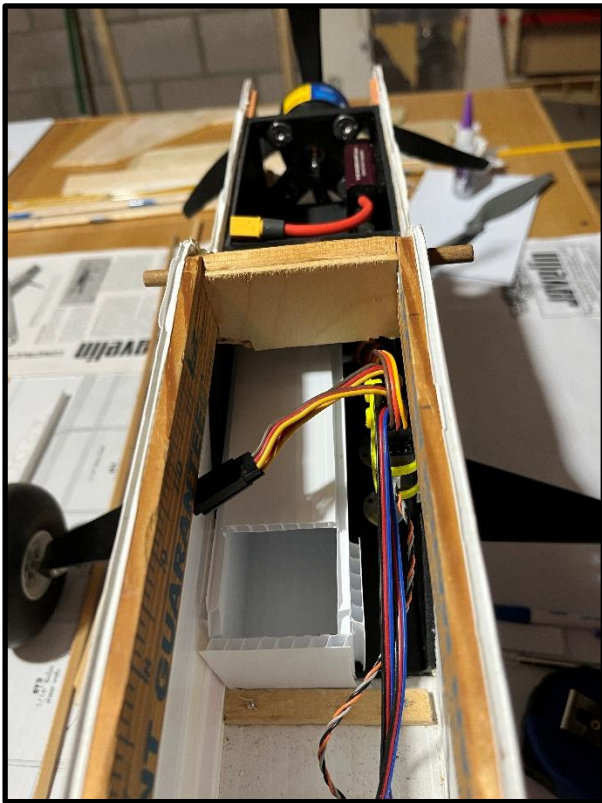


The finished assembly glued in

At this point I decided she needed more power, so I ventured to get some 5S LiPo batteries instead of the 4S that I've been running for years. I discovered that those were not as common of a battery size, so after consulting with Jeff Slater, who assured me that an eight-pound aircraft with a 64" wingspan will still fly, I chose some 6S batteries to try. When I static tested the setup, it pulled somewhere around 55 amps on my 65-amp rated ESC, and generated over 1000 Watts of power with the 11x7x3 propeller. This should be plenty

of power for her, since a guideline for electric sport aircraft is 100 Watts/pound.

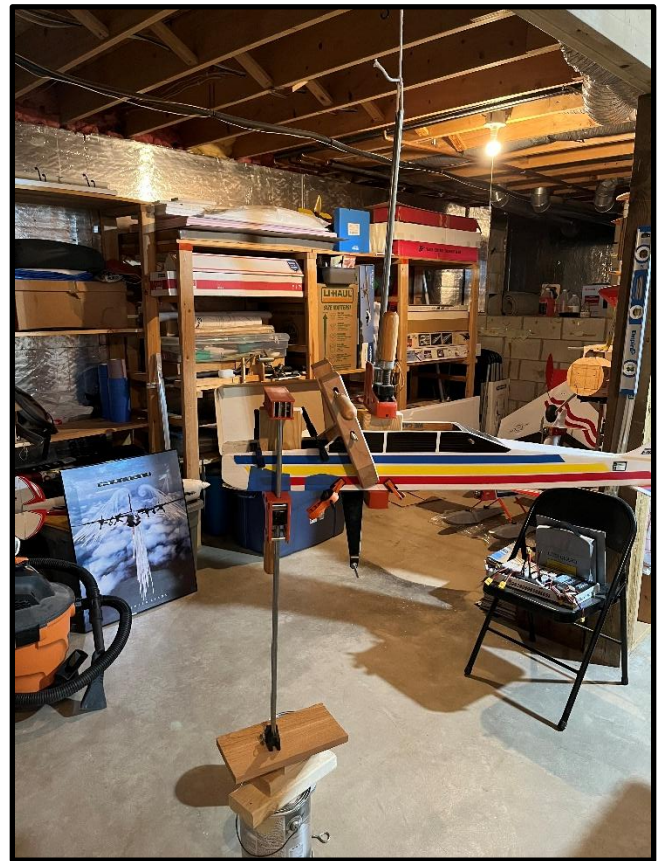
After I glued in the 3D print, I found that she was balanced near her CG even without the battery installed. This meant that I couldn't strap it to the tray that I had designed into the print, which was up in the nose of the fuselage. I thought for a while about how to secure the battery further back near the CG and came up with a battery box made from Coroplast. With this glued in place, I can adjust the balance by limiting how far back the battery can slide with some spacers. I just need to fashion some way to prevent the battery from sliding forward and she will be ready to fly again.



The battery box glued in place

I realize that this battery box limits the size of battery I can use, but hopefully this doesn't become a factor and she gets to fly for many more years to come.

I wanted to include one more photo for your enjoyment. Builders out there may appreciate the fact that I utilized every clamp I own to glue the 3D printed part into her nose. This took some creative thinking to get all the clamps on and to not have the weight of the clamps warp the nose as the glue dried.



Looks almost like Medieval torture!

I ended up hanging one bar clamp from the rafter and balanced the other on a stack of paint cans and scrap wood. I assure you; no airplanes were harmed in this process!

I've been known to say that I enjoy flying my Trainer the most, even after all these years. She has been a steady go-to plane for a long time and having built, repaired and modified her many times only adds to the nostalgia for flying her. I'm excited to see what she can do with 6S power, though I doubt I'll be disappointed.

Remember to bring your latest project to the club meeting for show-and-tell. It is great to see what you are working on and what motivates you in this great hobby.

Ryan Kontak

MEMBERSHIP NEWS

I'm happy to report that 14 new members have joined ACRC so far in 2025. If you see a new face at the club field, take a moment to introduce yourself and answer

any questions our new members may have about flying at ACRC. In my opinion ACRC is off to a good start for this time of the year membership wise. I'm looking forward to meeting our new members and the flying season.

- Welcome new member: Greg Fortman
- Current 2025-Member Count: 70

The next meeting will be at the Coon Rapids Community Center April 17th at 7:00pm.

Scott Oleson

EVENT COORDINATOR

One note for the month, so that the information doesn't get lost in the meeting minutes. We have rescheduled the ACRC Big Bird event for August 23rd, due to a conflict with another club's popular event on the original date.

Mike Reinert

A LOOK BACK

APRIL 2007

18 YEARS AGO

Unfortunately, my copy of this particular newsletter is MIA. With that in mind, I've created a Generic Newsletter for your enjoyment.

We had a meeting. Discussion ensued.

We have money in the bank

We have lots of members

A Fun-Fly happened

More events are planned for the summer months.

APRIL 1997

28 YEARS AGO

Prez Spence Minear, noticed his hobby time is getting squeezed thin due to increased job duties and household projects.

Spence also wondered if removing the diode safeguard in his transmitter charging circuit, to allow the use of a battery cycler, would be a good idea.

ACRC lost a long-time member, Larry Stewart, in September '96. Larry's widow has donated several airplanes and hobby related items to the club. Bids for these items will be taken via silent auction and the funds going to ACRC.

Eight members braved the March weather to participate in the Fun-Fly.

Tim Karash

ACRC MINUTES

Board members present:

Jeff Slater, Marc Tellevik, Ryan Kontak, Jeff Flander, Mike Reinert.

4 Member present plus board

No Guest

Membership Report:

63 members as of today's meeting

Treasurer's Report:

Income: \$576.00

Expenses: \$73.60

Safety Officer Report:

No issues at this time.

Event Coordinator:

The Annual Spring Fly-In is set for May 17th

The Big Bird event scheduled for August 9th, has been rescheduled to August 23rd due to a similar event conflict.

The normally scheduled Fun-Fly for August 23rd, will be held one week earlier on August 16th

Training Report:

A new training sign will be added to our road sign in May

Old Business:

None

New Business:

A new mowing list will be published in April.

Ryan Kontak to purchase more meeting raffle prizes.

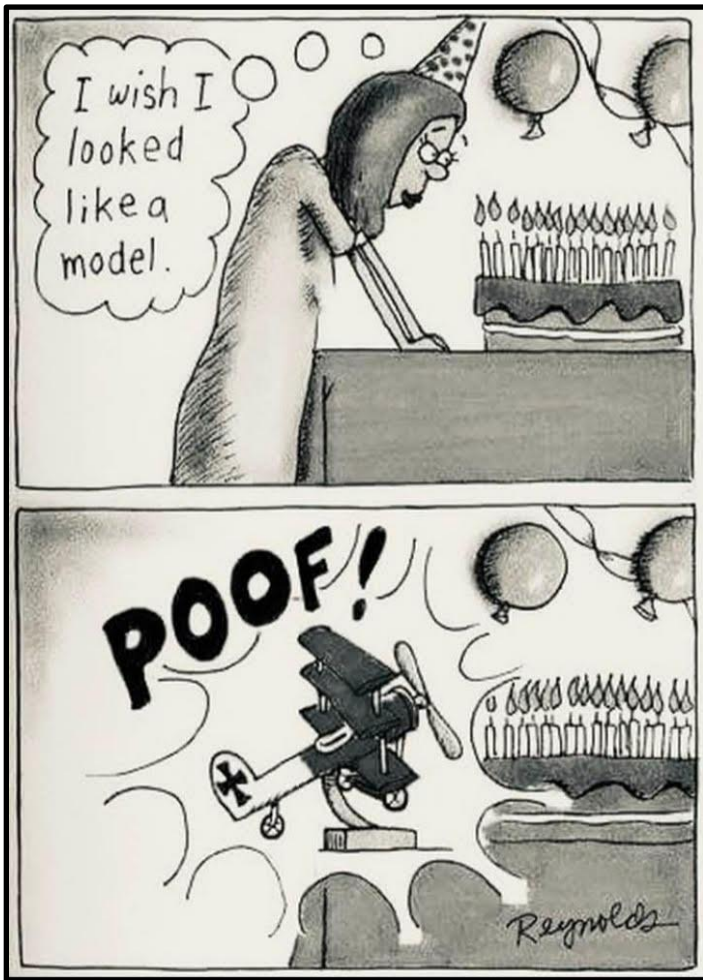
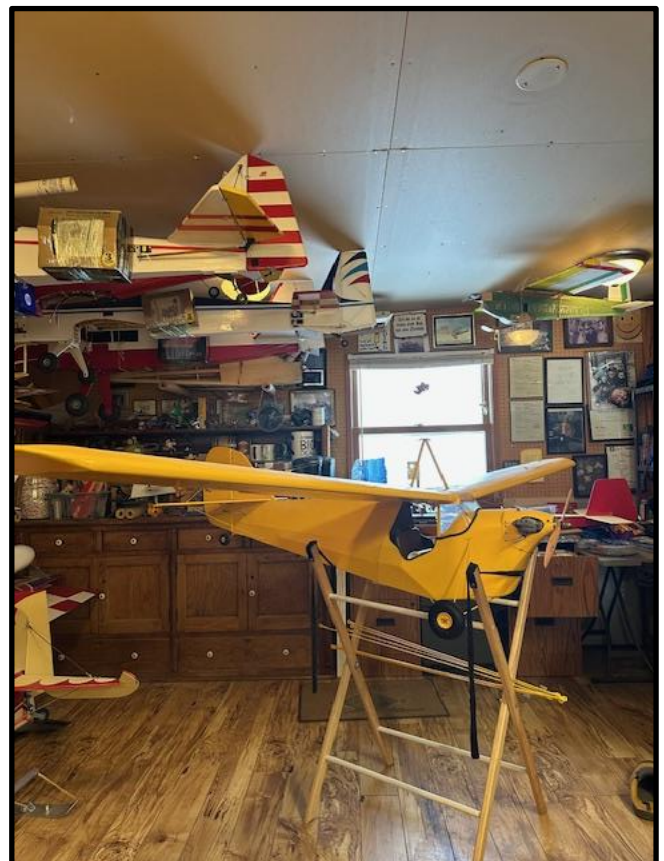
Show and Tell:

Mike Reinert brought a wing panel that he is covering in a checkerboard pattern. Mike cut the individual squares on a sheet of glass for crisp cut lines.

Raffle:

- | | |
|-----------------------|---------------|
| 1) Grab Bag | Gary Smith |
| 2) T Handle sockets | John DeVries |
| 3) 4 in 1 Screwdriver | Andy Knoll |
| 4) Snap Knife | Marc Tellevik |

Submitted by Tim Karash



More Planes for Sale!

As Jeff mentioned, he has quite a few planes for sale. Here are some photos of what he has. Looks like some great options for your hangar!





SERVO CHATTER

204 WOODRIDGE LANE
LINO LAKES, MN 55014



KING KONG HOBBIES
(763) 390-0490
455 59th Ave. NW Site 130
Coon Rapids, MN 55433
www.kingkonghobbies.com sales@kingkonghobbies.com

BIG SKY HOBBY
651-905-8909
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Chief Imaginer
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Fax: (763) 753-1314
Cell: (612) 919-5680
RIVARD COMPANIES
CENTRAL
GRONOMICS
Dixie Golf & Adventure Park



ACRC BOARD MEMBERS

PRESIDENT

Jeff Slater

president@anoka-rc.org

TREASURER

Marc Tellevik

treasurer@anoka-rc.org

VICE PRESIDENT

Ryan Kontak

vicepresident@anoka-rc.org

INSTRUCTION COORDINATOR

Jim Van Norman

instruction@anoka-rc.org

MEMBERSHIP SECRETARY

Scott Oleson

membership@anoka-rc.org

FIELD SAFETY OFFICER

Jeff Flander

fieldsafety@anoka-rc.org

RECORDING SECRETARY

Tim Karash

secretary@anoka-rc.org

EVENT COORDINATOR

Mike Reinert

events@anoka-rc.org

ACRC Website - <http://www.anoka-rc.org>

SERVO CHATTER EDITOR

Ryan Kontak

newsletter@anoka-rc.org

CONTRIBUTORS THIS MONTH

Tim Karash

Ryan Kontak

Scott Oleson

Mike Reinert

Jeff Slater

ACRC SPONSORS

King Kong Hobbies
Woodworking Plus
Blackjacks Asphalt
Rivard Companies

CALENDAR OF UPCOMING EVENTS

Thursday – April 17

- ACRC Meeting-At CRCC

Saturday – April 19

- ACRC Fun Fly (weather permitting)

Thursday – May 15

- ACRC Meeting-At the Field

Saturday – May 17

- ACRC Spring Fly-In

Saturday – May 24

- ACRC Fun Fly

CRCC - Coon Rapids Civic Center

