



ACADEMY OF MODEL AERONAUTICS CHARTERED CLUB #1255

SERVO CHATTER

A PUBLICATION OF:

ANOKA COUNTY RADIO CONTROL CLUB, INC.

FEBRUARY 2024

THE FEBRUARY 15th MEETING IS INDOORS AT CRCC!!

PRESIDENT'S CHATTER

SPRING SWAPS AND AUCTIONS

This is that time of year when we are finishing up our winter projects and looking forward to the flying season.

I instead of finishing winter projects attended the MARCEE swap meet and the TCRC auction. Both were well attended and I got my eyes full of new ideas and lightened the wallet a bit. The MARCEE swap had about the same attendance as years past. I did empty part of my hanger there. I did manage to keep my purchases to a minimum. Most items at the auction went for real reasonable prices so if you were a buyer, you did very well. The planes that were worth the higher end did also bring a good and fair price. The glow stuff seemed to bring the lesser amounts. Electrics were reasonable as well as gas.

With all this spring-like weather I am hoping you are all getting in some time at the field.

We have the opportunity to fly Thursday evenings late through Feb. in the dome if there is enough interest. I will keep you posted. Visit our newly remodeled web site to find that information as well as an application if you haven't renewed yet.

Keep-m-flying.

Jeff Slater

SAD NEWS

Long time ACRC member, Bob Svare, passed away Friday February 2nd, 2024. Bob's depth of knowledge was known worldwide for pioneering forensic investigative methods that are utilized for fire, explosions, personal injury, and equipment damage investigations to this day. Bob worked for companies like Control Data, Anoka Vocational College, the NASA Gemini program, and created Svare Professional Engineering.

Most of us only saw the model airplane side of him and his enthusiasm for electric power long before the recent wave of equipment.

A celebration of life will be held on Saturday, March 2nd at the Carlson-Lillemoen Funeral Home.

(763) 689-2244, www.carlsonlillemoen.com



A photo from the January club meeting



FROM THE VEEP

Winter?? It seems fitting to follow the word with question marks this year. We have seen some very nice weather this season, which has probably had some of you spending more time flying than at the building bench. I haven't made it to the field myself, but you can see from Jeff's picture below that it is very accessible for this time of year. I did make it to the MARCEE swap meet; managed to sell one airplane to make room for another.

The new plane has, I must say, quite the appropriate name. It is a Ryan STA. The ARF from Tower Hobbies (it was formerly a Great Planes design) is very well put together, even if it does require a small amount of gluing. My next step is to glue the wing halves together with a plywood joiner spar. Since the spar started out as two layers of lite-ply, I sandwiched them around some carbon fiber strips in an attempt to strengthen the joint. Multiple reviews of the model mentioned the wings folding in half, so I'm trying to avoid that.

You may ask "what happened to finishing the Sweet 'N Low Stik?" My excuse starts with, the Ryan was on sale and I was a bit impulsive. But hey, Ryan needs a Ryan, right? That being said, I've still made progress on the Stik lately, mostly repairing some damage on the wings.

I'll be bringing some more airplane parts to the club meeting on Thursday. See you there!

Ryan Kontak



Winter? Jeff does some early morning frost flying

MEMBERSHIP NEWS

The 2024 ACRC application and club rules are now available on the new website if you need one. Links to AMA and UAS Registration are available under the Web Links tab. If you have renewed or still plan to, take a quick look at your AMA expiration date, and renew for 2024 if appropriate. I have all the current 2024 member AMA numbers and expiration dates in Excel. A few members will need to renew in the next couple of months.

- Current 2024-member count: 42
- Please welcome new members.
 - Therron Johnson
 - Kevin McLain
 - Kayla Glaser
- Thank you to the following members for their generous Runway Fund donation.
 - Michael Reinert
 - Jim Huismann
 - Larry Dingmann
 - Dennis Jones
 - Anonymous Donor

The next meeting will be at the Coon Rapids Civic Center February 15th at 7:00pm. The address is, 11155 Robinson Dr, Coon Rapids, MN 55433.

Scott Oleson

A LOOK BACK

FEBRUARY 2006

18 YEARS AGO

Al Spearbecker, our current prez, is starting a new job and will be unavailable for monthly meetings VP Andy Knoll will be standing in.

VHS tapes of R/C events and helpful information will be replaced with DVDs as they become available. Anybody remember 16mm film?

Bob Nagle reported flying is greatest at his "Snowbird" home in south Texas.

Stan Zdon published a DIY custom muffler How-To article using common hardware store materials.

Stan also reported that 65% of last year's members have renewed so far.

The annual MAAC Swap Meet is looking for a new location. Sadly, none was ever found.

FEBRUARY 1996

28 YEARS AGO

Prez Kevan Fager, has envisioned a modified portable fish house, for winter flying. Large, atrium style windows, heaters, and beverage holders would make winter flying a joy. It should be noted that Kevan has 6 children. I'm guessing one of them would be doing the leg work.

Nine pilots participated in the Decemburrrr Fun-Fly

Sixteen pilots braved the elements for the January Freeze-Fly.

The "Bob Arko Memorial" Fun-Scale contest is scheduled for July 18, 97. Hmrrrrrr

The 1991 narrow band radio, 5-year phase in program is coming to an end. Since the beginning of this program, ACRC has required all transmitters to be "Gold Stickered"

This year's fuel order form shows Omega 15% two stroke fuel at \$10.25 a gallon.

Tim Karash

ACRC MINUTES

Board members present:

Jeff Slater, Marc Tellevik, Tim Karash, Ryan Kontak, Scott Oleson.

4 Members present plus board

Membership Report:

36 members signed up for 2024

ACRC member AMA renewal dates do not always coincide with ACRC membership renewal dates. This has been an ongoing messy issue since the AMA changed their renewal calendar. The board is searching for a solution.

Treasurer's Report:

Income: \$1052.00

Expenses: \$564.00

Safety Officer Report:

Not Present

Event Coordinator:

Spring Fly-In is the next event 5/18

Big Bird Fly-In has been suggested several times. This will require several "Worker Bee" volunteers, and a CD to be successful.

Training Report:

None

Old Business:

New ACRC road sign has been created for the estimated cost of \$300. The sign company will sell us the digital images of the artwork, for an additional \$50. The club will then be able to use these images for additional signage, clothing, and advertising.

Jeff Slater inquired as to the creation of two signs to be placed temporarily on the highway for events. These would cost \$30 each. A motion to purchase the signs was made by Jeff Slater, 2nd by Gary Smith, motion carried.

A question was raised at an earlier meeting regarding the original club incorporation date. Research has found 1/29/1979 was the date on the incorporation papers.

Indoor flying through April at St Ben's College in St Cloud.

23 WeatherGuide Fundraiser calendars were sold this year. That will put another \$200 plus into the Runway Fund.

New Business:

A Float-Fly event is possible this year in the Champlain Diamond Lake. Jeff Slater is looking into the possibility. This would require a temporary FRIA waiver from the AMA and may be difficult to get endorsed.

Jeff Smith's daughter is selling scout cookies. Blackmail carried out by Grandpa.

Show and Tell:

Ryan Kontak brought a Midwest Sweet 'N Low stick that belonged to his grandfather. It was originally covered with fabric and orange paint, as was the covering of choice then. Ryan has removed the fabric covering, updating to modern film type. He has converted to an electric Cobra brand 3520 motor. Ryan also created his own 3D printed motor mount.

Tim Karash brought a newly released brushless Milwaukee Moto Tool. Similar to a Dremel, but it uses Milwaukee's M12 battery system. Tim also brought in mini sanding "mops" that are available in various grits. These are not nearly as aggressive as a sanding drum. \$20 for 50 mops on Amazon.

Mike Rienert brought a scratch-built Scat Twin 40 canard, "in the bones". The model was an RCM magazine build article in the early 90's. Mike was able to reduce the weight by cutting out extra balsa on the huge side slabs, and reducing the unnecessarily large internal reinforcements, by 3 ounces. The sides are doubled with light ply inside. The aircraft design has two motors, one in front, the other out back and will rotate in opposite directions. It also uses Stabilators as well as canard (forward mounted) elevators. The original 62-inch wing was sheeted foam, but Mike is building up his own balsa structure.

Scott Oleson brought some glow engine parts that have been damaged from misuse and poor storage.

Jeff Slater brought a foam "IMP". The "Fish Like" appearing indoor combat aircraft is claimed to be crash proof. It has a mid-mounted electric motor requiring large cutouts for prop clearance, and a HK 10-amp speed control. Constructed from EPP foam with carbon band reinforcements. Foam Tac glue used throughout the construction. An all-up weight of 5 ounces. Rock West composites is the supplier of the carbon reinforcements.

Raffle:

- | | |
|----------------------|---------------|
| 1) Dubro Wheels | Jeff Slater |
| 2) Velcro strapping | Scott Oleson |
| 3) Curved Tweezer | Marc Tellevik |
| 4) Robert pin hinges | Ryan Kontak |
| 5) Terminal kits | Tim Karash |

5 TROUBLESHOOTING PRINCIPLES FOR SUPER GLUES

1) Surface Energy:

Getting the best out of your super glue involves understanding your materials. Non-porous surfaces, which have low surface energy like plastic, may resist bonding. Scuff them up to increase their surface energy for better adhesion.

2) Acidic Material:

Contact with acidic materials slows down the drying time of superglues, while alkaline materials speed it up. That's why superglues react so quickly to baking soda, which is naturally alkaline.

3) Slow-Drying Formula:

Not all superglues are created equal. If your project is taking a long time to set, you might be using a slow-drying formula. Check your glue's specs - using a spritz of accelerator can speed up the process.

4) Amount of Glue:

For quick set adhesion, apply glue sparingly. Overapplication can lead to unnecessary delays in drying time. A drop per square inch is often all you need for a strong, fast bond. Tap into efficiency with just a drop!

5) Temperature:

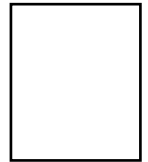
Colder ambient temperature delays drying time, and warmer temperatures speeds up drying time. Warmth equals speed for superglues.

Courtesy of Starbond Adhesives.

Submitted by Tim Karash

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

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19801 Highway 65 NE • East Bethel, MN 55011
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Chief Imaginer
mike@gronomics.com
Office: (763) 753-7888
Fax: (763) 753-1314
Cell: (612) 919-5680
Rivard Companies
Central
Gronomics
Disc 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

Bruce Martin

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

Jeff Slater

ACRC SPONSORS

King Kong Hobbies
Woodworking Plus
Blackjacks Asphalt
Rivard Companies

CALENDAR OF UPCOMING EVENTS

Thursday – February 15

- ACRC Meeting-At CRCC

Friday – March 8

- Indoor Flying 3pm to 6pm

CRCC - Coon Rapids Civic Center

