



ACADEMY OF MODEL AERONAUTICS CHARTERED CLUB #1255

SERVO CHATTER

A PUBLICATION OF:

ANOKA COUNTY RADIO CONTROL CLUB, INC.

APRIL 2022

THE APRIL 21 MEETING WILL BE AT THE CIVIC CENTER

PRESIDENT'S CHATTER

SPRING WILL COME

For those of you that didn't make last month's meeting. Along with an interesting show-n-tell Bob Proulx donated the new banner for our training program this spring. I will be constructing a frame for it and have it attached to our sign before training starts.

I was approached by Arthur Rupp, a member of ACRC a few years back. He said he has several hobbies and is getting out of the RC hobby. I purchased the remainder of the misc. field box and shop items he had left. Some of them will be offered as raffle prizes this summer. He offered to donate a Sig Cub airframe that had been hanging in his garage for some eight years, which I graciously accepted. After some covering repairs, addition of a 25 size electric motor that I had in inventory, some structural changes to accommodate electric power, and servo and radio installation ACRC has an addition to our training fleet. That is after I insure it is a good flyer.

We will decide at the April meeting if there will be an April fun-fly, weather permitting.

Did I mention that SPRING WILL COME!

Jeff Slater



MEMBERSHIP NEWS

I hope you will take time to read the flying site rules and refresh your memory now that the flying season is close at hand. This is especially important because a few years ago some changes were made to rule 10 and high-speed passes are now allowed over the runway in certain instances. The rules will be attached to the email you get with this newsletter. You should print a copy and keep it handy. If someone mentions to you that you are violating one of the safety rules please do whatever it takes to correct what you are doing. It is considered bad form to give them a hard time and then continue doing what you are doing. If it means that you have to stop flying and make repairs or go home to get something that you need, that is what the club expects you to do. The AMA insurance for you and the landowner provides coverage only if you are following the rules. It would be a shame to lose our field because of the ignorance and arrogance of a few fliers.

Part of Rule #2 states that members are to put their membership card on the frequency board and guests are supposed to use their AMA card. The reason for this is so that we can be sure that the fliers are either current ACRC members or guests with a current AMA. Fliers are not to use last year's cards, driver's licenses or business cards. If you lose your 2022 ACRC card and need a new one let me know. I will mail you a new card - FREE.

Don't forget that the first Fun Fly of 2022 is on Saturday, April 23.

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The next meeting will be at the Coon Rapids Civic Center on April 21 at 7:00 PM. This is the last indoor meeting until September. The summer meetings will be AT THE FIELD.

Stan Zdon

A LOOK BACK

APRIL 2004 18 YEARS AGO.

Get your equipment checked and ready for the upcoming flying season was the repetitive theme this month. Stan reminded everyone to put your membership card up on the frequency board per flying site rules.

99 Members listed on the roster.

The storage locker was vandalized, again.

APRIL 1994 28 YEARS AGO

It was reported that the Apache Plazs Mall show was a resounding success. Stan Zdon received the Pilot's Choice Award for his T-34 and Doug Welsh got the Spectator's Choice Award for his B-25

17 Members helped with display. Interestingly enough, only 5 are still active (alive?) members.

Don Bentfield and Pete Waters led an informational discussion on the upcoming frequency changes.

Mark Dubay wrote an informative review of proper pilot positioning on the flight line in relation to prevailing winds. Mark put together a diagram of the runway, pilot stations, and pit area. The diagram also showed the drainage ditch between the stations and pit area. I'm guessing not many of you remember that ditch.

Tim Karash



FROM THE VEEP

Despite the spring teasers followed by bits of winter snow, it feels like the flying season is finally about here. I'm excited to get some airplanes into the air again, including my new-to-me Buzzard Bomber that I picked up from ACRC member Sherwood Heggen. He responded to last month's article where I mentioned my interest in old-timers and offered that I could purchase one of his planes to add to my hangar (and admittedly make room in his hangar too). I've decided to leave the glow engine in the aircraft so that I can try my hand at wet fuel. Chances are it will get converted to spilling electrons around the sky, but for now it is ready to fly as is. Maybe someone will be generous enough to help me start the engine with their field equipment.

Looking around my shop for something to work on, I spent some time removing some parts from my trusty trainer aircraft. It is one that I scratch-built out of corrugated plastic sign material, or Coroplast as some people know it. Last season I crashed it once again (Coroplast can take numerous beatings) so I have to remove the motor, undercarriage and such to reglue it back together. I recognized an opportunity to compare the weight of my trainer fuselage vs. the balsa and lite-ply Alpha that I use for the club's training program, because it was similarly stripped of motor and landing gear to repair its own damage. What I found was a bit surprising. At 11lb-12oz, the plastic fuselage was only 3oz heavier than the traditional wooden craft. This seemed strange because I've known my trainer to be on the heavier side and it has only gained weight as I've made repairs and modifications. I took my fish scale to other components of the plane and figured out what was going on. The wing, which has a lot more plastic material, weighed in at 2lb-8oz. Can you say "Uffdah"? It makes me consider even more that I should rebuild a lighter wing for it someday. I then checked on the undercarriage I mentioned earlier. The Hallco landing gear and wheels that I had added to the bird to make her a tail-dragger adds a whole 1 pound of weight! I admit I used larger than normal wheels during the

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conversion to increase prop clearance, so it is my own fault. Anyhow, besides putting the plane on a diet, I'm finally going to replace the ESC that I suspect could be the cause of some of the crashes. Maybe I'll bump her up to 5-cell batteries to get some more power out of the system as well as reduce the prop diameter.

Also, with flying season comes training season, so I've got to finish the repairs to the Alpha. I could get by with just covering the exposed wood on the nose, and then add a cowling later. If any of you have some good covering tips and techniques that they would like to share, please send them my way to the vice president email. Maybe I can use some suggestions in a future newsletter. Hopefully I'll see some of you at the April club meeting. It's your last chance to bring your winter build projects to share with the rest of us.

Ryan Kontak

ACRC MINUTES

Board Members present:

Jeff Slater, Ryan Kontak, Stan Zdon, Marc Tellevik, Tim Karash (Remotely)

New member/Guest Todd Holmes moving back into Minnesota and getting back into the hobby.

Membership Report:

56 Renewed members so far

Treasurer's Report:

Income:	\$39.00
Expenses:	\$105.00
Repaving fund	\$5300

Safety Officer Report:

None

Training Update:

Jim Van Norman heading up program.

Event Update:

Spring Fly-In set for May 22

The monthly Fun-Fly to be held in the morning.

Brian Dorff requested the use of the ACRC field to hold a 2-day Pattern contest on June 11 & 12.

Motion was made by Jeff Slater to authorize the

field use, with 2nd Marc Tellevik. Motion passed.

An Electric only Fly-In is in the planning stages. Tentative plans for an August date.

A Big Bird Fly-In has been proposed by club members. No details yet.

Old Business:

Bob Proulx donated a replacement training banner for our Hi-Way sign.

Art Rupp, a former member, donated a trainer airplane to our training program.

The grass cutting crew have 4 signed up, however, 7 would reduce repetition.

New Business:

The Sioux Falls Sod Busters R/C Club is holding their 38th Annual Auction at the Sioux Falls Convention Center April 23rd. Information at sfsodbusters.org

Show & Tell:

Ron Van Gilder is trying to animate a Star Wars Mandalorian Character via radio control and is seeking advice. The Yoda figure will be held in the crook of an arm, while a second person, out of sight, animates the character and supplies the vocalization.

Bob Proulx is reducing physical size of his fleet. He brought a Aristocraft (formerly know as Pilot) kit of a 1934 carrier based fighter F11C-2 Curtis Goshawk biplane. Stick built old style kits covered in Silk Span & SIG brand dope. Many parts in the old kit were warped & twisted. Plywood layers had separated as well. The fragile structure has a 52-inch wingspan. Bob is planning an E-Flight 25 or 32 for power.

Bob gave a short tutorial on dope & silk span application from days gone by.

Jeff Slater brought a donated SIG Cub 25 size that is converted to electric power. Ready to fly at 5lbs all up. Jeff tested identical sized props for power consumption. The Master Airscrew 11x6 used 800 watts vs. 600 consumed by APC 11x6.

A lively discussion was held regarding various radio systems new functions and features.

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Raffle:

- | | |
|------------------------|---------------|
| Fw 190 40 inch span | Marc Tellevik |
| Flashlight | Duane Orson |
| Servo | Todd Holmes |
| Parts tray | Jeff Slater |
| “Vintage” Glue | Doug Bauer |
| SU 27 Sukhoi “Flattie” | Doug Bauer |

Tim Karash

VOLUNTEERS WANTED

Calling all ACRC Volunteers.

In the February 2022 edition of the newsletter I asked members to save the date for the “Great MN Wing Aerospace Fling” put on by the Minnesota Wing of the Civil Air Patrol. Incredibly, the event is just about one month away. The event is on Saturday May 7, 2022 at the South St. Paul Fleming Airport. The event starts at 10:00 AM and runs until 4:00 PM. Our participation will have a scheduled time (which I don’t know as of this writing), but will not run the entire day. We will be able to set up at 9:00 AM. The flyer for the event is also in this newsletter.

I am again asking for volunteers for the event. ACRC has worked with Jim Zuales (the event coordinator and fellow Delta pilot) in the past and had a great time showing off our field and airplanes to his cadets.

How to help:

- Bring your micro models for a possible indoor demonstration, hopefully in an actual aircraft hangar. I am unsure whether we would be able to fly, but would like to be prepared if we are.
- If you can’t attend but would be willing to lend a micro or two to another club member (me?) to fly at the event we could assure a variety of models to be flown.
- Bring your gas or glow powered model and starting equipment for a static display and mass engine start and run up (sorry, no flying since we will be on the airport property). The run up will only be accomplished once we determine that it is safe to do so. The idea is to make a bunch of noise and smoke, so all internal

combustion airplanes and engines would be welcome

- Bring a laptop computer and a copy of an R/C simulator running on it along with the controller so we can let cadets try their hands at “flying” R/C. I plan to bring my PC. I would like to have a few sims set up and running throughout the day.

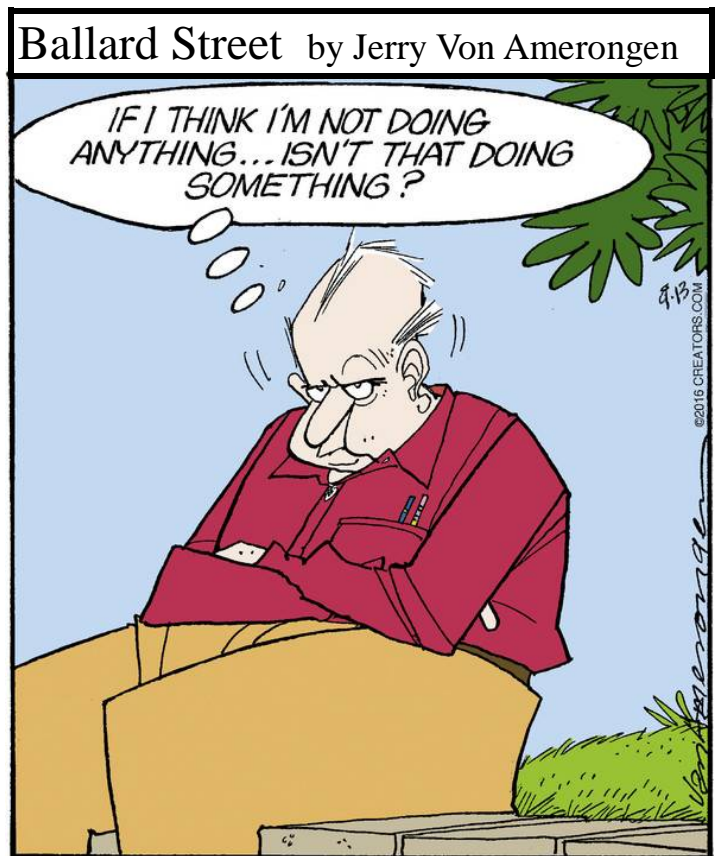
The goal of this event is to stir up interest in aviation in a fun, exciting and hands-on way. I really do believe that a lifelong interest in aviation often begins with R/C modeling.

Please contact me via email, text, phone call or radio controlled passenger pigeon to volunteer.

Bob Moser

612-325-7942 (call or text is fine)

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Glenn parses the minutiae of things.



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RIVARD BENTON GRONOMICS Blue Golf & Adventure Park



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

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CONTRIBUTORS THIS MONTH
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 Ryan Kontak
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 Jeff Slater
 Stan Zdon*

ACRC SPONSORS
 King Kong Hobbies
 Woodworking Plus
 Blackjacks Asphalt
 Rivard Companies

CALENDAR OF UPCOMING EVENTS

Thursday – April 21
 • ACRC Meeting-Civic Center

Saturday – April 23
 • ACRC Fun Fly #1

Thursday – May 19
 • ACRC Meeting-At the Field

Saturday – May 21
 • ACRC Spring Fly In Fun Fly

Thursday – June 16
 • ACRC Meeting-At the Field

Saturday – June 18
 • ACRC Fun Fly #3

Thursday – July 21
 • ACRC Meeting-At the Field