



ACADEMY OF MODEL AERONAUTICS CHARTERED CLUB #1255

# *SERVO CHATTER*

A PUBLICATION OF:

ANOKA COUNTY RADIO CONTROL CLUB, INC.

**NOVEMBER 2016**

***THE MEETING WILL BE THURSDAY, NOVEMBER 17, AT RIVERWIND!!***

## **PRESIDENT'S CHATTER**

Boy! I cannot believe the nice weather we are having. The field is in great shape, so if you can, get out and fly. I want to remind everyone that we have become lax on posting our membership cards (this includes me). Going forward, as in the past, you must post your membership card when flying at the club field. Questions, see club rules & bylaws.

At this coming club meeting we will be talking about field improvements and how to finance them. We have not done much to maintain the runway for many years and it is time to have a serious discussion about having some work done to it. To that end I would like to see a special account set up specifically for runway maintenance and a way to fund it going forward.

Virgil Okeson

## **FROM THE VEEP**

So here I sit nearly on the eve of the election that's driving everyone crazy. It's none of my business who you vote for, but I do hope you all exercised your constitutional right TO vote. Democracy is not a spectator sport. It requires participation to work as our founding fathers envisioned.

Speaking of participation, the board has noticed a decline of participation in recent flying events. Fun-Flies would generally have 8, maybe 10 flyers, now 3 people show up. Even as our membership numbers remain roughly the same, pattern contests, combat, and scale events have all

fallen by the wayside. On the other hand, non-competitive events are always well attended. Things that make you say, Hmmmm.

So now it's time for some participation on your part. No, you don't have to build something special, or abandon your lawn mowing chores, just tell us what you like and/or what you could give a "Rat's Patootie" about. It's just that easy. We need this simple information to plan events that many will enjoy. Some people enjoy the competitive atmosphere, others like me, don't. If you just want to come to field and fly, tell us. If you like "Turn left and go fast", tell us that too. How do I tell the board my likes and dislikes? Glad you asked. Take a close look at this year's ACRC renewal form. You will see a minor change to the format allowing you to check off your preferences as to which, if any, event(s) you would enjoy. It's just as simple as that. Remember, it's that participation thing.....

I've been asked to list the raffle prizes for the upcoming meetings, so here goes.

How about a Foam Flattie Edge 540, or a set of really neat, but specialized, drill bits. Not just any old drill bits, mind you. Guess you will need to show up at the meeting to find out how neat. Oh, and since the Holidays are fast approaching, I've got a couple of Christmas themed items as well. So come on out and support your club.

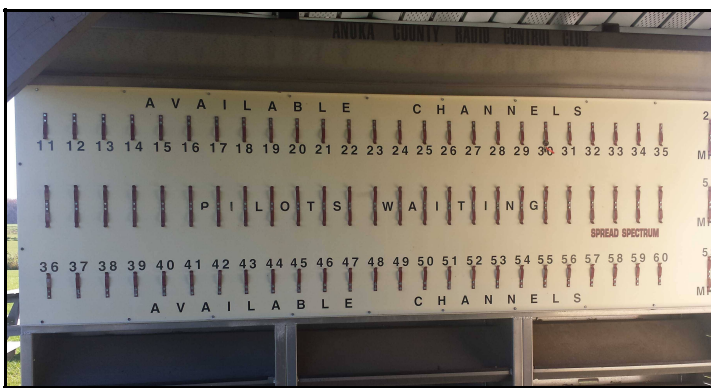
Duluth Superior R/C Club is holding their annual auction on February 19, 2017

Tim Karash



## MEMBERSHIP NEWS

### WHO ARE THESE GUYS?



On October 22 there were quite a few fliers at the field enjoying the beautiful weather. The problem was that no one had their ACRC or AMA card on the frequency board. ACRC rules require the use of either the ACRC card or an AMA card. This is the only way that AMA insurance can be verified. According to the AMA, club rules become part of the AMA Safety Code for that club, and the Safety Code has to be followed for the AMA insurance to be in effect. Let's get those cards on the frequency board!!!

Newsletter editors are always looking for interesting items to put in the newsletter. These can be articles that you have written or articles that you find on line. Pictures and hints are also welcome. Just email me the link and I can copy the information. My email address is szdon@yahoo.com.

There is an application included in this newsletter and there will also be one in the December newsletter. If you lose both of these you will have to pick one up at the meeting or send me a self-addressed stamped envelope. Members who read

the newsletter on line can print the application and rules from the ACRC website. Remember, **ALL** current members have to fill out a 2017 application and have their year 2017 AMA verified before they can be issued a 2017 membership card. Dues for 2017 are \$50.00 and if you rejoin after January 31 there is a \$5.00 late fee. Please rejoin as soon as possible after you get your November Servo Chatter and your AMA card for 2017. It is easier to set the budget if the majority of the dues are in by mid-January.

**REMEMBER** - I need verification of your **2017** AMA. Sending a copy of your 2016 card will only delay the processing of your application. Please also include a stamped self-addressed envelope. It's not that the club cannot afford the stamps, but it makes it easier for me. I do membership for both ACRC and SPMRC. Thanks

**THE NEXT MEETING WILL BE AT RIVERWIND ON NOVEMBER 17, AT 7:00 PM.** Remember, if you don't come to the meeting you can't win wonderful prizes.

Stan Zdon

## ACRC MINUTES

Board members present

Virgil Okeson, Stan Zdon, Marc Tellevik, Bob Proulx, Tim Karash, Brett Ohnstad

Members present – 12 including new member John Loverg

### **Membership:**

108 members. Renewals for 2017 are starting to come in.

### **Treasurer:**

Expenses - \$716. Income - \$419.

### **Events:**

All scheduled events are done for 2016.

MARCEE is holding indoor flying this winter in a golf dome. They are tentatively scheduled for December through March, twice per month, most likely a Tuesday and a Thursday. A \$10 or \$15 landing fee will be charged. Rates vary for member vs. nonmember of MARCEE.

Schedule will be published soon on the MARCEE website.

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**Safety:**

No issues to report.

**Training:**

Tom LaRose unavailable at meeting time, however it has become too dark to fly in the evenings.

**Old Business:**

Tom LaRose to store new lawn mower over winter.

A gift of \$150 to Central Landscaping for lawn mower storage over the summer months.

The porta-potty will get a final clean and winterized in November. A recommendation was made to schedule cleaning services to coincide with major club events.

Fence and runway grant application bids still needed and details finalized prior to application with the AMA.

Runway repairs, upgrades, and options were discussed. Jeff Slater to get bids.

Fencing replacement. The board was made aware of the possible purchase of used fence from 3D RC club, however actual ownership of the fence material is in question.

**New Business:**

Winter meetings. Many options discussed. Monthly meetings are required in ACRC by-laws. A motion was made by Stan to table issue.

**Show and Tell:**

Brett Ohnstad brought a new design FPV goggle with 50-degree field of view vs. 30 in current products. He's still working out a few bugs.

**Raffle Prizes:**

1st	Jeff Slater	Craz E wing
2nd	Brett Ohnstad	E-Z Bender
3rd	Bruce Martin	Allen driver set
4th	Bruce Martin	Pocket multi tool
5th	Brett Ohnstad	Electric flyer hinge tape

**Board Minutes:**

It has been noted that even as ACRC club events have decreased, participation in remaining scheduled events has diminished. The board is exploring ways to promote our events more and

perhaps joining forces with other clubs in our area to promote each other's events.

To gain information from our members, the membership application / renewal will contain a survey that gives the member an opportunity to show which types of events, if any, they would like to participate.

The board also agreed on promoting our club more through varied forms of advertising.

Tim Karash

## Lessons Learned

About 20 years ago, I had built a trainer hybrid of sorts to get back into the hobby. I joined a club and managed to fly one season before other things got in the way and it would sit on the shelf until this past year when I decided to join ACRC and get back into flying RC again. It was a high wing tricycle gear aircraft with a symmetrical wing that was extremely fast, but lacking in the precise handling department.

A lot had changed in the hobby and I had to upgrade to a new radio from the old FM 72mhz radios I had, which was a good thing. I upgraded the trainer with a new receiver and servos checked the weight and balance. I noticed every flight after a few minutes that it would seem to lean out in flight and usually result in a dead stick. The engine was a OS .46 that was very old and I assumed that some internal corrosion had gotten the best of it from sitting around so long. So I purchased a new OS .46 and faired a little better, but still noticed performance changing mid-flight. It's last flight it would experience a dead stick on a high-speed low pass and due to pilot error, I piled it in attempting to bring it around for an emergency landing. This was due to my rusty skills that I was trying to polish up being away from the hobby so long.

I purchased an engine stand from PSP Mfg, which by the way is an outstanding piece of gear to have, to get another old engine I had running again that was in a box packaged back in 1991, a .61 SFP. I used the fuel tank from my crashed

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trainer, as it was unharmed and useable. The .46 engines, even the new one from the crash had not suffered any damage, so I thought this would be a good time to bench test them and see if I could figure out why they were not running reliably. The first thing I noticed, after a couple of minutes of running on a partially filled tank, was that the supply line to the carb started having a lot of air bubbles in it. When this started, the engine of course started leaning out and running rough.

I emptied the tank and took the tank apart and the first thing I noticed was the stopper was dry rotted and definitely needed replacing. But the key to all my problems, and leading to the eventual crash, was that the copper tubing that had the tubing and clunk attached had a crack in it. So, when the fuel level dropped below the crack, it was exposed and allowed air to enter the supply to the carb causing the lean and dead stick condition. I replaced the entire assembly and cleaned the tank and all 3 engines run like brand new with excellent throttle response. I never would have suspected a crack in the copper supply tubing like this, but in retrospect, the plane sat for 20 years. I should have just replaced the entire fuel tank and connections to eliminate the dry rot and corrosion that had taken place especially internally where it wasn't visible and cost me an airplane.

If you have or acquire an older plane that has sat around or it's condition unknown, spend the extra money and replace key systems that can corrode or break down saving you more in the long run.

Mark Lichtscheidl

## FUN FLY RESULTS

### 9-17-16

Event 1 (Timed)

Take Off - 3 Loops - 3 Rolls - Three Stall Turns - Land

- 1- Rick Teteak - 55.10
- 2 - Jason Korst - 59.94
- 3 - Marc Tellevik - 1:01.44
- 4 - Dale Anderson - 1:21.16

Event 2 (Timed - Count)

Most loops and rolls in 45 Seconds

- 1- Rick Teteak - 8
- 1 - Marc Tellevik - 8
- 2 - Jason Korst - 7
- 2 - Dale Anderson - 7

Event 3 (Timed)

Wheels Up - (3) 360 Degree Turns One Way - (3) 360 Degree Turns the Other Way

- 1- Rick Teteak - 37.29
- 2 - Jason Korst - 37.91
- 3 - Marc Tellevik - 47.10
- 4 - Dale Anderson - 58.66

### 9-17-16 Overall Results

- 1- Rick Teteak
- 2 - Jason Korst
- 3 - Marc Tellevik
- 4 - Dale Anderson

### 10-22-16

Event 1 (Timed)

10 Touch & Goes - Wheels up to no forward motion

- 1- Jeff Flander - 1:51.35
- 2 - Rick Teteak - 2:06.10
- 3 - Jason Korst - 2:25.92
- 4 - Marc Tellevik - 3:40.37

Event 2 (Timed)

2 Figure 8's around cones on the runway - Take Off - 3 Loops - 3 Rolls - Land - Stop Forward Motion

- 1- Rick Teteak - 1:24.00
- 2- Jeff Flander - 1:37.20
- 2 - Jason Korst - 1:48.31
- 4 - Marc Tellevik - 1:59.50

Event 3 (Distance)

30 Second Climb - Throttle Down - Glide - Stop Closest to the Box on the Runway

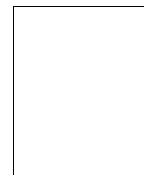
- 1- Jason Korst - 0' 0"
- 2 - Rick Teteak - 21' 6"
- 3 - Marc Tellevik - 43' 8"
- 4 - Jeff Flander - 44' 3"

### 10-22-16 Overall Results

- 1- Rick Teteak
- 2 - Jeff Flander
- 3 - Jason Korst
- 4 - Marc Tellevik

# SERVO CHATTER

902 - 88TH LANE NW  
COON RAPIDS, MN 55433



## ACRC INSTRUCTION

All ACRC Flight Training has ended for the 2016 Season. I would like to thank all the instructors and individuals who volunteered their time to make our training program a success.

I will send an update on the 2017 training season as Information comes together.

If anyone has flight equipment, airplanes, quads, helicopters etc they would like to donate to the training program please contact me.

Also if there are club members who would like to become a flight instructor feel free to contact me.

[instruction@anoka-rc.com](mailto:instruction@anoka-rc.com) or 763-753-1952

Tom LaRose



## ACRC BOARD MEMBERS

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

ACRC Forum - <http://anoka-rc.com/forum>

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## **CONTRIBUTORS THIS MONTH**

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Tom LaRose  
Mark Lichtscheidl  
Virgil Okeson  
Stan Zdon*

## **ACRC SPONSORS**

King Kong Hobbies  
Abraham Technical  
Aerospace Welding  
Cambridge State Bank  
T & G Hardwood

## **CALENDAR OF UPCOMING EVENTS**

Thursday – November 17

•ACRC Meeting-Riverwind

Thursday – December 15

•ACRC Meeting-Riverwind

Sunday – January 1

•ACRC Freeze Fly

Thursday – January 19

•ACRC Meeting-Riverwind

Thursday – February 16

•ACRC Meeting-Riverwind

Thursday – March 16

•ACRC Meeting-Riverwind

Thursday – April 20

•ACRC Meeting-Riverwind

