



ACADEMY OF MODEL AERONAUTICS CHARTERED CLUB #1255

# SERVO CHATTER

A PUBLICATION OF:

ANOKA COUNTY RADIO CONTROL CLUB, INC.

APRIL 2018

***THE MEETING WILL BE THURSDAY, APRIL 19, AT RIVERWIND!!***

## PRESIDENT'S CHATTER

Spring has sprung. Weather permitting our first event will be a fun fly April 21. Our first club meeting at the field will be May 17. I hope to see you there. Pay your dues and get your planes ready. I am willing to organize a field trip to Fagen Fighters WWII Museum in Granite Falls, MN. I would like to know if there is enough interest to warrant a guided tour. Please e-mail me if you are interested. I will set up a date after I receive info. You can find info about the museum on their web site. Fagen Fighters WWII Museum Hours 10:00 AM to 4:00PM Tuesday – Saturday.

Virgil Okeson

## FROM THE VEEP

I got out a couple of days ago to get what I thought to be my last snow ski flights on my Rascal 80. I am finding out through our illustrious weather reporters that we are to be below normal temps and maybe see more of the white stuff. I digress. I started out with the word spring. I will head up the grass runway leveling or smoothing project as soon as the frost is gone. I will be looking to the membership for ideas, input, and volunteers at this month's meeting. Please come to the meeting if you want to be heard on this topic.

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 2018 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 2018 is on Saturday, April 21.

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The next meeting will be at Riverwind on April 19 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 2000

18 Years Ago

Membership lists and event schedules dominated this month's newsletter. The March Fun-Fly results listed Brian Dorff wining 2 of the 3 events, despite far from ideal weather conditions.

Membership for the year 2000 was up to 113, and the ACRC radio channel use list reflected the need of a good frequency control system for that many members.

### April 1990

28 Years Ago

The upcoming Apache Plaza Mall show kicked off this month's newsletter. Followed by safety reminders and a list of flight instructors.

Jeff Slater wrote introduction articles on four club members: John Shenton, Emery Mehl, Stan Zdon, and Robert Arko.

Rick Wagner put together a 2-page description of getting a R/C helicopter safely from the ground zero to hovering.

Tim Karash

## ACRC INSTRUCTION

Believe it or not this is the month we are suppose to start training. We are keeping an eye on the weather in case training needs to be pushed back a week or two. All returning ACRC members that will be completing their flight training this year should give either Bob Moser or Tom La Rose a call or text with contact information in case we have to cancel flight training due to changing weather conditions. Remember our club is always looking for new members, especially young

members. A good way to get young members started is through AMA youth membership program. If you know of a youth or a group that would be interested or have talked to someone about our Introductory Flight, please suggest that all young people, single or groups, sign up for an AMA youth membership which allows them to fly multiple times. After signing up the first time and each year following, your free AMA Youth Membership card will be emailed to you. The free AMA Youth Membership is valid through age 19 as of July 1. This includes liability and accident/medical insurance and competition privileges. For competition purposes, youth will be categorized as Junior (under 15 by July 1) or Senior (those age 15 by July 1 but not age 19). This membership category does not include voting privileges. So if you have a group that is interested in flying with us, please pass on to the leader, teacher or instructor to have everyone signed up ahead of time.

There is no waiting time. The membership can be done online at:

<https://www.modelaircraft.org/joinrenew.aspx>

Print out a copy of the confirmation. Bring it with you to the field and you are ready to FLY!

Thank you to Gary Breitenbach for donating an e-Flite Apprentice 15e trainer to the training program. It will be put to good use teaching our newest RC pilots and ACRC club members. We will be naming it "Hightide 2" with "Pilot/ACRC Instructor/Crew Chief/Gary Breitenbach" printed on the side of the plane.

Thank you to Gary Titus for his donated T28 Dynan low wing. It will be great for some of our advanced training pilots to give them a feel for what's ahead. Thank you to Brian Goodspeed for his donated Super Cub trainer and batteries. It will be handy for getting the feel of a park flyer on the calm days .

See you at the field soon, oops that could be May!

Tom La Rose



## ACRC MINUTES

Board members present:

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

20 Members present.

Visitors Tony Hahn and Jay McClure.

### Membership Report:

81 Paid members at this time.

### Treasurer's Report:

Income: \$1077.11

Expenses: \$198.22

### Events Report:

The 2018 Pattern contest is set for June 16 & 17. Remaining event dates TBA. (See 3/18 Board minutes)

### Training Report:

Big thanks to Tom LaRose and crew: 25 trained last year, 12 have joined ACRC.

A new student-training handbook has been updated. Copies will be available soon.

Our training program has 10 instructors this year. However, 2 will only do ground portion of instruction.

The program has received lots of donations, including training books from a R/C school.

The proposed training fee during intro pilot program is not allowed by AMA.

Scheduling between student and instructors needs clarification to prevent overloading of individual instructors.

### Safety Report:

No issues at this time.

### Old Business:

Clarification of previously discussed sponsor list in newsletter: It will be limited to current sponsors only.

Signs on safety fence will be limited in a yet TBD size.

Stan Zdon to donate a replacement weed whip.

FAA registration is required and is valid for 3 years, applies to all aircraft that you own.

### New Business:

The Fagen Fighters WW2 Museum is in Granite Falls MN. It has fighters, bombers, trainers, and a combat glider on display. Virgil suggested a possible field trip if 10 or more can agree on a date (and who is driving)

Rumor mill says it has a private R/C facility, and may build a members only field.

The cities of Mankato and Owatonna have their own electric only R/C field.

In a sad note, the Sodbusters club may be loosing their field. Closer to home, a housing development is encroaching on the St Paul field.

### Show and Tell:



**John Sager** brought two high tech discus launch gliders. The Amped 505 is 10.5 oz all up weight with a mix of Kevlar and other materials.



The Stream XTE is of full carbon fiber construction, and weights a feathery 226 grams (8 oz) with a 1s battery. A proprietary ultra thin airfoil is used and the tail surfaces use a pull only, single cable operation by incorporating "pre-bent"

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control surfaces. The cable pulls the surface to neutral or beyond. Both use a special launch technique, holding a vertical pin in the tip of the left wing. Competition involves a progressive ladder of timed flights, or steps, within a predetermined time period. Called time flights are also done.

#### Raffle:

1st	Brian Godspeed	Mini Yak ARF
2nd	Bruce Martin	Glue Caddy
3rd	James McClure	Digital Caliper
4th	James McClure	Straight edge
5th	John Sager	Straight edge
6th	Ed Bellmore	Mini Servo
7th	Lucky LaRose	Mini Servo
8th	Darren Bitzer	Servo Screws

## BOARD MINUTES

Board Present:

Virgil Okeson, Stan Zdon, Bob Proulx, Marc Tellevic, Tom LaRose, Brett Ohnstad, Tim Karash

2018 Events:

Spring Fly In on May 19

Fall Fly Out on Sept 22

Sponsor listing in the club newsletter will be limited to those that have provided monies or services for the current year.

Tim Karash

## Am-Brrr Alert

Authorities are requesting the public's assistance in locating an elderly woman. She has been missing for over a month and had displayed erratic behavior prior to her disappearance. Anyone who has sighted Mother Nature, or one of her four children, Springtime, please contact your local law enforcement agency.

Not much going for me lately provided you ignore the three motor mounts I managed to screw up. Oh well, its only money.

For this month's raffle, I'm going to do move away from an airplane kit to a propulsion unit. I've got a new in the box OS FS-26 four stroke engine to top off the list. Plus we'll try a tool

"Grab Bag". So come on out to the last meeting at Riverwind for this winter, and support your club.

Tim Karash

## LIGHTNING SAFETY

Each year, roughly 400 children and adults in the United States are struck by lightning while working outside, at sports events, on the beach, mountain climbing, mowing the lawn, or during other outdoor activities. About 67 people are killed and several hundred more are left to cope with permanent disabilities. Many of these tragedies can be avoided. Finishing the game, getting a tan, or completing a work shift isn't worth death or crippling injury.

### The threat of lightning

All thunderstorms produce lightning and are dangerous. Lightning kills more people each year than tornadoes.

Lightning often strikes as far as 10 miles away from any rainfall. Many deaths from lightning occur ahead of the storm because people try and wait to the last minute before seeking shelter.

You are in danger from lightning if you can hear thunder. If you can hear thunder, lightning is close enough that it could strike your location at any moment.

Lightning injuries can lead to permanent disabilities or death. On average, 10% of strike victims die; 70% of survivors suffer serious long-term effects.

Look for dark cloud bases and increasing wind. Every flash of lightning is dangerous, even the first. Head to safety before that first flash. If you hear thunder, head to safety!

Lightning can travel sideways for up to 10 miles. Even when the sky looks blue and clear, be cautious. If you hear thunder, take cover. At least 10% of lightning occurs without visible clouds overhead in the sky.

### The single most dangerous place

Outdoors is the most dangerous place to be during a lightning storm. When lightning is seen or

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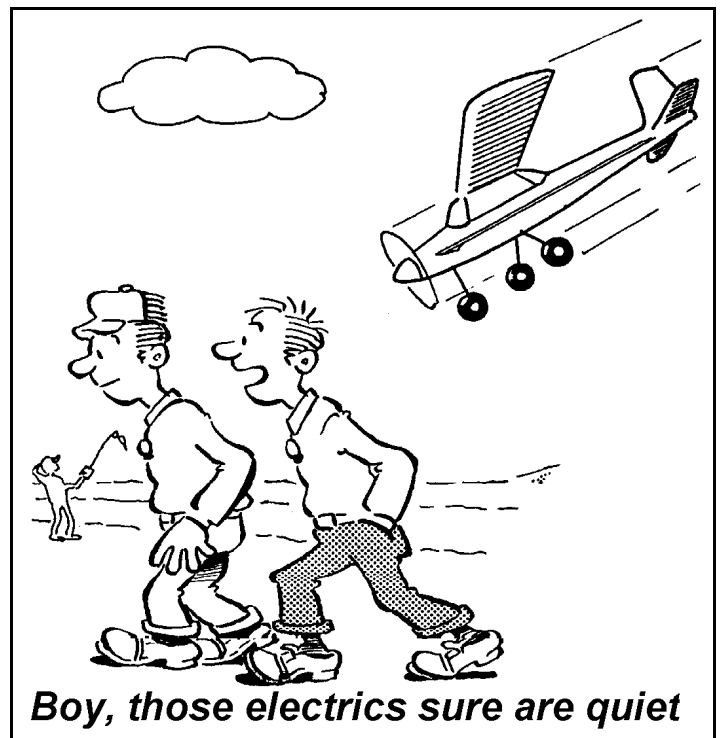
thunder is heard, or when dark clouds are observed, quickly move indoors or into a hard-topped vehicle and remain there until well after the lightning storm ends. Listen to forecasts and warnings through NOAA Weather Radio or your local TV and radio stations. If lightning is forecast, plan an alternate activity or know where you can take cover quickly. The U.S. lightning season is summer but lightning can strike year round! The Fourth of July is historically one of the most deadly times of the year for lightning. In summer, more people are outside, at the beach, golf course, mountains or ball fields. Outdoor jobs such as construction and agriculture, and outdoor chores such as lawn mowing or house painting are at their peak, putting those involved in danger.

### Safety rules

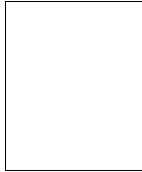
1. Postpone activities promptly. Don't wait for rain. Many people take shelter from the rain, but most people struck by lightning are not in the rain! Go quickly inside a completely enclosed building, not a carport, open garage or covered patio. If no enclosed building is convenient, get inside a hard-topped, all-metal vehicle. A cave is a good option outside but move as far as possible from the cave entrance.
2. Be the lowest point. Lightning hits the tallest object. In the mountains if you are above tree line, you ARE the highest object around. Quickly get below tree line and get into a grove of small trees. Don't be the second tallest object during a lightning storm! Crouch down if you are in an exposed area.
3. Keep an eye on the sky. Look for darkening skies, flashes of lightning, or increasing wind, which may be signs of an approaching thunderstorm.
4. Listen for the sound of thunder. If you can hear thunder, go to a safe shelter immediately.
5. If you see or hear a thunderstorm coming or your hair stands on end, immediately suspend your game or practice and instruct everyone to go inside a sturdy building or car. Sturdy buildings are the safest place to be. Avoid sheds, picnic shelters, baseball dugouts, and bleachers. If no sturdy building is nearby, a hard-top vehicle with

windows closed will offer some protection. The steel frame of the vehicle provides some protection if you are not touching metal.

6. Listen to NOAA Weather Radio. Coaches and other leaders should listen for a tone-alert feature during practice sessions and games.
7. If you can't get to a shelter, stay away from trees. If there is no shelter, crouch in the open, keeping twice as far away from a tree as it is tall.
8. Avoid leaning against vehicles. Get off bicycles and motorcycles.
9. Get out of the water. It's a great conductor of electricity. Stay off the beach and out of small boats or canoes. If caught in a boat, crouch down in the center of the boat away from metal hardware. Swimming, wading, snorkeling, and scuba diving are NOT safe. Lightning can strike the water and travel some distance beneath and away from its point of contact. Don't stand in puddles of water, even if wearing rubber boots.
10. Avoid metal! Drop metal backpacks, stay away from clotheslines, fences, exposed sheds, and electrically conductive elevated objects. Don't hold on to metal items such golf clubs, fishing rods, tennis rackets, or tools. Large metal objects can conduct lightning. Small metal objects can cause burns.



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 Virgil Okeson  
 Jeff Slater  
 Stan Zdon

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Blackjacks Asphalt  
 Hobby Warehouse  
 King Kong Hobbies  
 Hobby Zone  
 Big Sky Hobby  
 Flight Line Gifts  
 Woodworking Plus

**CALENDAR OF UPCOMING EVENTS**

Thursday – April 19  
 •ACRC Meeting-Riverwind

Saturday – April 21  
 •ACRC Fun Fly #1

Thursday – May 17  
 •ACRC Meeting-At field

Saturday – May 19  
 •ACRC Fun Fly #2

Thursday – June 21  
 •ACRC Meeting-At field

Saturday – June 23  
 •ACRC Fun Fly #3

Thursday – July 19  
 •ACRC Meeting-At field

Thursday – August 16  
 •ACRC Meeting-At field

