



ACADEMY OF MODEL AERONAUTICS CHARTERED CLUB #1255

SERVO CHATTER

A PUBLICATION OF:

ANOKA COUNTY RADIO CONTROL CLUB, INC.

MAY 2016

THE MEETING WILL BE THURSDAY, MAY 19, AT THE FIELD!!

PRESIDENT'S CHATTER

I am pleased to tell you that we have purchased a new lawn mower. We have made arrangements to store it off site this year for security reasons. I want to take this opportunity to thank all who participated in this decision, especially our Vice President Tim Karash, he spent many hours investigating our options. The grass that is east of the runway is being mowed shorter for those who like to land in the grass. Thank you to the EVERY DAY SATURDAY GROUP who volunteer to do the mowing for us. When you get the chance say thank you.

We have had our first Fun Fly event, which turned into a none event due to lack of participation. Just a reminder to everyone the Fun Flies occur the first Saturday after our monthly club meeting. Practice is at 9:00 AM and flying starts at 10:00 AM. Come out and make these events happen. We also hosted MARCEE on 5/7/16, but due to high winds there weren't many flyers. Thank You to Dan and Amy for hosting the lunch. Our next events are: May 21 Fun Fly and June 4 our annual Fly In. We need volunteers to host this event. Food and beverage is provided, the buffet line needs to be set up and clean up coordinated at the end. Stay tuned, I'll keep you posted about needs for cooks on site. Please look at club event schedule and seriously consider hosting one of the events.

The new flyer training program is in place and running smoothly. Thank You, Tom LaRose, for putting it together and all of the volunteer Training Pilots for making this year possible. Come out

and see this effort at work and enjoy the camaraderie. Our membership is at 91 members, so if you know of associates who have not renewed their membership please remind them that is time to do so. See you at the meetings and the field.

Virgil Okeson

FROM THE VEEP

Spring and weather nice enough to fly are finally here. After a strange winter that couldn't make up its mind, it is easy to go outside without boots, hats, gloves, and overcoat. Warm spring days allow us to get those outdoor projects done and checked off the "Honey-Do" list freeing you for some serious playtime at the field. This time of year is great for flying because the onslaught of Minnesota's other State Bird, the Skeeter, hasn't arrived yet. While a few may be in the air, our recent dry weather is keeping the mosquitoes from hatching. Critters that manages to survive in dry conditions are ticks. These little buggers are out in force again this year and our field is no exception. The best preventative is to use a bug repellent with some of that nasty DEET on your shoes and lower pants legs. Most physicians do not recommend insect repellent with DEET to be used all over your body as serious medical issues may evolve over time following repeated use on bare skin. Use only on covered areas to keep the creepy crawly things at bay. Oh, and don't forget the sun block.

Tim Karash

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

ACRC EVENTS

As of this writing we've had (attempted to have) our first club fun-fly of the season and also our Spring Electric Fly-In. We had 3 people show up for the fun-fly, at which point it was decided to just "skip it" until next month, so no events took place. The Electric Fly-In had a somewhat better turn out with about 8 to 10 participants and several spectators. The weather was nice, even with the winds being fairly gusty. Thank you once again to Amy for taking care of feeding everybody.

Our next 2 events will be the club fun-fly on Saturday, May 21st and then the annual ACRC Spring Fly-In on Saturday, June 4.

Also, we have been invited once again to put on a static and flying display at the annual East Bethel Booster Days event. We have been granted permission to fly in the West area of the park this year, which gives us much better exposure and better viewing for the public. The date of the event is Saturday, July 16. We have not confirmed our participation at this point, but I'll need to do so very soon, so I'll be checking on the level of interest at the May meeting. Hope to see you all there.

Bob Proulx

ACRC TRAINING

The first night of 2016 training went off as scheduled on April 27. It was a short evening with wind and then light rain. Things improved for May 4 with no rain; it's a start.

We have another AMA Certified Pilot. Bob Gallagher brings our total number of R/C instructors to nine. Thanks Bob.

We have had two requests for training and both are all ready ACRC members. A welcome to Mark Lichtscheidl and Duane Orson, both with prior RC experience. It should not take them long to do their solo flights.

In addition we have two youth ACRC members currently in training, Anthony and Vincent Oleson. A Big Welcome to our youngest members.

Chad Bidwell, our Quad Instructor and his son did some demo line of sight and FPV quad flying for us. It was exciting to see. I am sure we will have more to train in this area as the word gets out.

Tips for Take off:

To perform a take off, smoothly increase motor power to full (take between one and two seconds to move the stick fully forward) and let the airplane accelerate along the ground. It's probable that you'll need to use rudder to keep the plane going in a straight line, don't let it veer off to the left or right. Keep it straight all the time.

Once you're at full power and the plane is accelerating along the ground, gently apply a small amount of up elevator to aid the plane off the ground. Don't yank back on the stick, just pull back smoothly. If you apply too much too quickly, and the plane hasn't yet reached flying speed, it can get airborne too early and with too steep a climb rate, and stall. Not good! The length of the take off run will vary from plane to plane, but generally speaking most R/C airplanes take off in a short distance; just a few yards for many. If you want a more scale-like take off with a longer ground run, use very little elevator and let the plane take off naturally.

Once the plane is airborne, maintain full power and continue a smooth climb out (not too steep), and commence a turn before the plane gets too far away.

Tom La Rose

MEMBERSHIP NEWS

The meeting this month will be **AT THE FIELD**. The starting time is 7:00 PM and if you get there early you can get in some flying before the meeting. Remember that you should be using your current membership card to mark your channel and guests should be using their AMA card to verify their AMA membership.

ACRC members should remember and follow the safety rules. We all have mental lapses from time to time so gently remind others when you see them having a **SENIOR MOMENT**. Starting engines

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with the plane faced other than toward the runway and full RPM run-ups in the pits seem to be the most frequent violations of club rules. If you just visualize where the prop blades will go if the blades break off it will help you remember why the club has these rules. The plane should be started in the pit area and moved to the run-up area for the high RPM run-up.

The flight stations are close enough so pilots can communicate their intentions concerning take-off, landings, etc. Be sure to let other pilots know what you are going to do. Shout out "coming out", "taking-off", "landing", "on the field" etc. Remember, if the wind is from the north, you should be flying from the 5 stations by the south half of the runway and vice-versa.

Be sure that you are standing on or behind the flight station blocks. If you stand ahead of the blocks you could be blocking the view for someone who is landing and if you are standing way ahead of the blocks you are definitely in a Danger Zone. All flying is to be done beyond the runway. This even applies to Micro-Electric planes (See Rules 9 & 10). Once you land, clear the runway and taxiways as quickly as possible. If you have to do maintenance on your plane or change the battery, it should be taken back to the pits.

THE NEXT MEETING WILL BE AT THE FIELD ON MAY 19 AT 7:00 PM. The summer meetings will be at the field until August. The fun-fly will be on Saturday May 21 at 10:00AM.

Stan Zdon

ACRC MINUTES

Board members present
Virgil Okeson, Tim Karash, Brett Ohnstad, Stan Zdon, Marc Tellevik, Bob Proulx
New member - Marty Thomas
Members present - 14

Treasurer:

We have money

Income:

\$466.19

Expenses:

Lawn mower	\$1548.62
Raffle	\$87.96
Operating	\$55.00
Total expense	\$1691.58

Safety:

Start of the season, and all is well. The field first aid kit appears OK at this time. If you have recommendations for additional kit items, please contact Brett.

Events:

1st fun fly is Saturday 4/23 at 10:00 AM.
Mika Lynkstrom, nonmember from another club, has requested permission to participate.
East Bethel Booster Day is set for July 16. Please refer to the April newsletter for details.

Membership:

87 members renewed, about the same as last year at this time

Training:

Wednesday, April 27 will be the official start of the season. A few students have signed up.

Old Business:

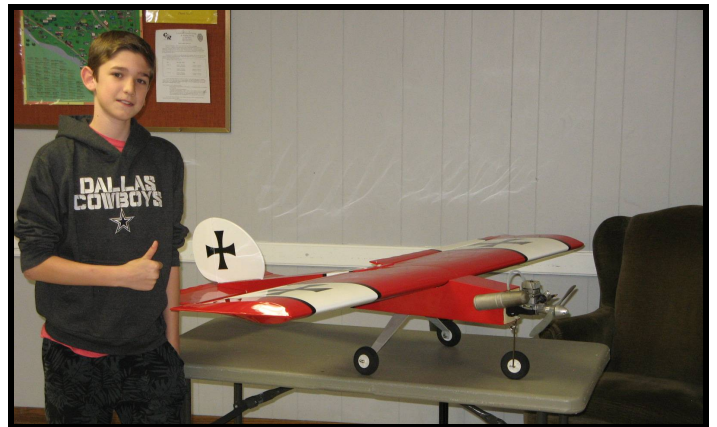
A lawn mower has been purchased and will be stored at Central Wood Products inside one of their buildings.

No update in pilot station protectors.

New Business:

None.

Show and Tell:



Tyler Ritchie brought his second 40-size Big Stick ARF. The first one turned into a yard dart on the very first flight. Sigh. A Super Tigre 40

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powers the plane and he has removed nearly all of the dihedral.



Stan Zdon brought a Balsa USA Newport 28 that he started in February 2015. A Saito 150 is used for power, and like most of his projects, is covered with Solartex. Calli-Graphics did roundels and graphics, matching the Solartex colors. It weighs 14 pounds.

Raffle:

1 st	Marc Tellevik	Infrared thermometer
2 nd	Wayne Orson	Blue Wonder airplane kit
3 rd	Stan Zdon	Epoxy
4 th	Darrin Bitzer	Cutting mat
5 th	Bob Gallagher	Swiss Army knife

BOARD MINUTES

Old Business:

New lawn mower is currently stored in a shed at Central Wood Products. The board would like to offer a “payment” for the use of their facility, and agreed to \$200.00 for the season.

Several board members are looking into the purchase of a 20 ft shipping container to be used as storage for the new lawn equipment and other items.

New Business: - None

Tim Karash



ACRC SAFETY 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 thunder is heard, or when dark clouds are observed, quickly move indoors or into a hard-topped vehicle and remain there until well after

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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, on 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.

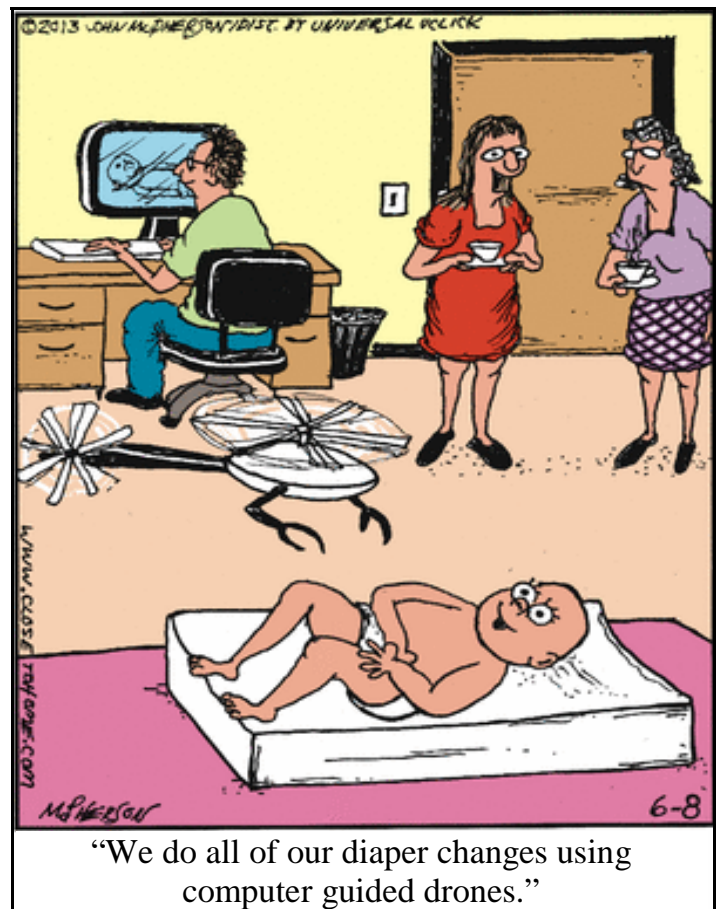
6. Listen to NOAA Weather Radio. Coaches and other leaders should listen for a tone-alert feature during practice sessions and games.

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.

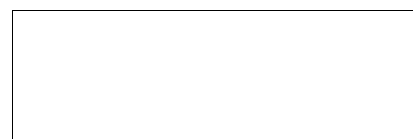
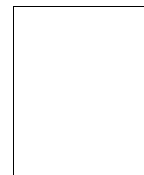
10. Avoid metal! Drop metal backpacks, stay away from clotheslines, fences, exposed sheds, and electrically conductive elevated objects. Don't hold on to metal items such as golf clubs, fishing rods, tennis rackets, or tools. Large metal objects can conduct lightning. Small metal objects can cause burns.



"We do all of our diaper changes using computer guided drones."

SERVO CHATTER

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CONTRIBUTORS THIS MONTH

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Tim Karash

Tom LaRose

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Stan Zdon

ACRC SPONSORS

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

*Deadline for the
next newsletter is:
June 1, 2016*

CALENDAR OF UPCOMING EVENTS

Thursday – May 19

- ACRC Meeting-At Field

Saturday – May 21

- ACRC Fun Fly #2

Saturday – June 4

- ACRC Spring Fly In

Thursday – June 16

- ACRC Meeting-At Field

Saturday – June 18

- ACRC Fun Fly #3

Thursday – July 21

- ACRC Meeting-At Field

Saturday – April 23

- ACRC Fun Fly #4

