



ACADEMY OF MODEL AERONAUTICS CHARTERED CLUB #1255

# SERVO CHATTER

A PUBLICATION OF:

ANOKA COUNTY RADIO CONTROL CLUB, INC.

SEPTEMBER 2015

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

## PRESIDENT'S CHATTER

The August fun fly only had two events; there were three flyers.

The first event was "show up."

1st place Phil Vaughn  
2nd place Dale Anderson  
3rd place Marc Davis

The second event was "go home."

1st place Phil Vaughn  
2nd place Marc Davis  
3rd place Dale Anderson

The next Fun Fly will be September 19. The club "Fly Out" will be on the 26th.

The board is in process of looking into improvements to the road. It has checked with the owner of the property and he has OKed our proposal to put class 5 fill in large hole in road and parking lot low spot.

We want to congratulate Shawn Knepper on his completion of training. He is checked out and ready for his permanent membership card.

Mike Woodward brought his group (Federal Cartridge) out to the field for RC flying experience. They were thankful for the opportunity to fly RC. Thank you to all of the club members who made this event a success.

Virgil Okeson

## ACRC MINUTES

August 20, 2015

Members present -11

**Treasurer:** Plenty of money in the bank.

**Training:** Tom Janos is still looking for some help.

**Safety:** No problems so far. FAA reports 400+ drone incidents so far in the U.S.

**Membership:** Over 100 members again this year.

**Events:** Ham Lake July Booster Park Days. A good display was put on by club members.

**Old business:** Tim Karash, Brett Ohnstad and Stan Zdon were voted in as board members. One more member needed to fill the board.

**New business:**

The Fun Scale contest was cancelled so that the relatives of June Johnson could use the field for a memorial gathering after June's funeral.

A motion was made and passed to spend up to \$500.00 for fill material for the parking lot and the road.

The Sodbusters club to trying to organize a FPV racing circuit. Check out the YouTube video link below.

[https://www.youtube.com/watch?v=ktGO6\\_hQ-Aw](https://www.youtube.com/watch?v=ktGO6_hQ-Aw)

**Raffle prizes:**

Shop towels  
Medium CA  
Drill bits

Andy Noll  
Bruce Dibb  
Andy Noll

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Thin CA	Jeff Slater
Monokote trim stripe	Marc Tellevik
CA kicker	Dave Willemsen
Heat gun	Stan Zdon
Dubro prop balancer	Neil Olson
Shop carpet	Bruce Dibb
Hanger 9 tach	Bob Gallagher
5 minute epoxy	Darren Bitzer

Stan Zdon

## ACRC EVENTS

The ACRC Electric Fly-In is September 12. I will be out of town and unable to attend. Amy will take care of the food for the event. Any Potluck sides brought by members and guests would be much appreciated for this event.

If one of the other Board Members could help make sure things stay on track the day of the Electric Fly-in, I'd sure appreciate it. Flying can start as early as 7:00 AM for everyone except hot-liners and ducted fans. You guys have to wait until 9:00 am.

We'll have the ACRC club meeting at Riverwind on the 17th and the September Fun-fly on the 19th.

And finally, the last event of the 2015 season, the Annual Fall Fly-Out is on the 26th. This event always draws a good crowd and I'd expect nothing less this year. We're planning another Pig Roast with all the sides and fixings, so don't miss this one!! And, once again, any Potluck items would be much appreciated. Remember, this event draws upwards of 100 people if the weather is nice!!

See you all at the meeting. Bob Proulx

## MEMBERSHIP NEWS

Membership in ACRC is currently at 111 members. This is 17 less than last year at this time. Each year ACRC gets some new fliers. One of the ways that you can help the club is to become an instructor. If you are interested in becoming an instructor contact Tom Janos at (651) 329-8449

At the membership meetings in May and June ACRC took nominations for board members for 2015/2017. Four positions had to be filled but only 3 members agreed to be nominated. Brett Ohnstad and Stan Zdon are staying on the board and Tim Karash agreed to rejoin the board after taking some time off. You might consider joining us since we are currently short one board member. ACRC needs members who are willing to help run the club. You cannot just wait for the next guy to do the work while you just fly. Remember, you too can be a FBM.

THE NEXT MEETING WILL BE AT RIVERWIND ON SEPTEMBER 17 AT 7:00 PM. Don't forget the fun-fly on Saturday September 19.

Stan Zdon

## Winter Airplane Storage

Since the snow will be flying very soon (if it hasn't already), many AMA members may not be flying for quite some time. For those who don't intend to fly on skis, the following suggestions may help to preserve your model over the winter months and allow you to get back in operation quickly when the snow disappears next season.

### Airplane

Be sure to give the entire airplane a thorough cleaning to remove all traces of exhaust residue. Check the covering to be sure the fuel is not creeping under seams around the firewall and areas around the exhaust outlet, soaking the balsa. If so, make the repairs during the off season while you have some extra time. Check the fuselage and flying surfaces closely for cracks or other damage. Check the servo arms, control horns, clevises, pushrods and/or control cables for excessive wear or damage. The plane can be stored indoors or outdoors in the garage; the constant cold temperatures can be tough on batteries but otherwise don't seem to cause any problems. The only problem that could occur would be if you stored it in, for example, a workshop that is heated occasionally and then allowed to cool down after

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use. This could result in damage to the engine due to condensation and probably to the balsa or covering material due to temperature changes. If you store the plane on a wall, it should not be supported on the nose as this could damage the engine bearings. Support it by the tail structure or similar means. If the wing is removed, do not stand it on end. Support it similar to the way it is normally mounted on the fuselage. Do not leave the weight of the plane resting on the tires if you don't store it vertically.

### Engine

The major concern regarding engine storage is to remove all the glow fuel from the inside of the crankcase and cylinder to prevent rust formation on the bearings, crankshaft, etc. The best advice is to remove the engine from the plane, remove the glow plug and backplate, and flush the inside out with a solvent such as kerosene. While the backplate is off, check it over for signs of rust, bearing failure, etc. After cleaning, generously oil the bearings and cylinder with lubricant such as one of the after-run oils or Marvel Mystery Oil. After it is well oiled, reinstall the backplate and plug and place it in a sealed plastic bag along with the mounting hardware until next season. If you decide not to remove the engine, at least remove the glow plug, pour some oil into the carburetor and spin the engine over clockwise and counterclockwise to distribute the oil through the bearings. Add some oil through the glow plug hole, turn the engine over slowly a few more times and reinstall the glow plug. Remove the prop if it is made of wood. Put a plastic bag over the engine to keep dust and dirt out.

### Batteries

Ideally you should cycle the transmitter and receiver batteries and record their capacity for reference next season. If they are doubtful, cut the connector off and throw them away and buy new next season. It is best to leave them on a trickle charger to maintain a charge during the off season. If this is not practical, try to charge them at least every one to two months. When ready to fly again next spring, cycle the batteries first to be sure they have adequate capacity.

### Transmitter/Receiver/Servos

Don't forget to check over the servo wiring and connectors. If there is any sign of corrosion on the connectors, get them replaced. Also, check the output shaft for looseness. Check the receiver antenna for damage. If there are any doubts, get it fixed or replaced. Extend the transmitter antenna and clean it with alcohol. Collapse the antenna and repeat the cleaning several times. (There are contact fingers inside each antenna section that may become coated with oil, preventing proper contact between sections, greatly reducing the transmitting range. - 72 mHz)

### Fuel

If you have fuel left, be sure it is capped tightly and store it in a cool place out of the sunlight. Some recommend against storing fuel in very cold temperatures, but I have not had any problems doing this in the past.

### Starter Battery

If you have an electric starter hookup, remove the 12-volt lead acid battery, clean the terminals and check the electrolyte level. Add water if necessary. This battery **MUST BE CHARGED** if stored outdoors during the winter. A monthly charging will keep the battery from freezing and also extend its life.

### Miscellaneous

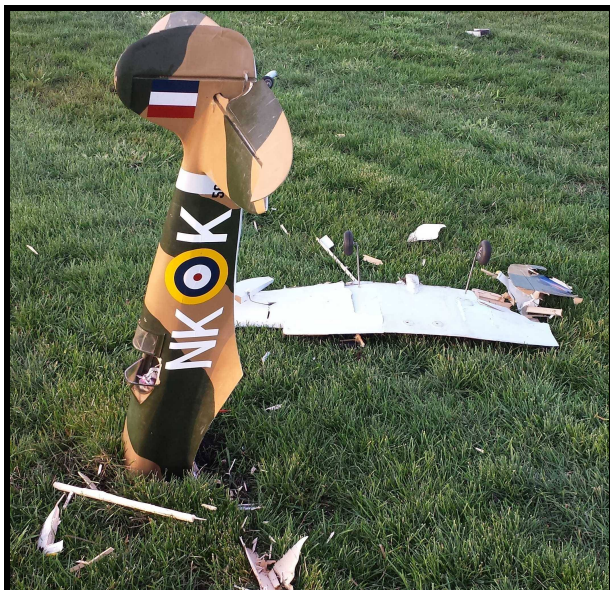
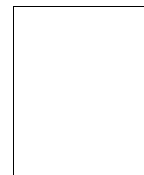
If you have a handful of used rubber bands as I do, throw them out and plan to buy a new box next season. This would be a good time to check your supply of spare glow plugs, props, etc. and make up a parts list to replace those used during the summer. If, during your inspection, you run into problems or there is something you are not sure about, call another club member for some advice or suggestions. Make the repairs during the winter and save the warm weather for flying!

*from Itasca R/C Club News  
Bob Blase, Editor  
Grand Rapids, MN 55744*



# SERVO CHATTER

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Crasher of the Month  
Dan Stahn's Spitfire



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*Bob Proulx*

*Stan Zdon*

## **ACRC SPONSORS**

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

*Deadline for the next newsletter is:  
October 1, 2015*

## **CALENDAR OF UPCOMING EVENTS**

Saturday – September 12

- ACRC Electric Fly

Thursday – September 17

- ACRC Meeting-Riverwind

Saturday – September 19

- ACRC Fun Fly #6

Saturday – September 26

- ACRC Fly-Out

Thursday – October 15

- ACRC Meeting-Riverwind

Saturday – October 17

- ACRC Fun Fly #7

Thursday – November 19

- ACRC Meeting-Riverwind

