



ACADEMY OF MODEL AERONAUTICS CHARTERED CLUB #1255

SERVO CHATTER

A PUBLICATION OF:

ANOKA COUNTY RADIO CONTROL CLUB, INC.

NOVEMBER 2012

THE MEETING WILL BE THURSDAY, NOVEMBER 15, AT RIVERWIND!!

PRESIDENT'S CHATTER

Nominations are done and it is safe to come to the meetings again. The nominees are Scott Oleson, Chris Cone, Chris Elliot, and Mark Davis and Stan Zdon who nominated himself at a later date. The fate of these people will be decided at this month's meeting and their positions will be determined at the Board meeting. Do you guys know what your in for? I am looking forward to working with these members. The flying season is pretty much done for many people so dig out the building boards and go to town. We have also have the Freeze Fly in a little over of month and a half. Get your skis ready, winter is almost here.

Andy Thunstrom

FLIGHT INSTRUCTION

Well, here we are in November. It has been a really busy year with a lot of trainees. We have a few that are very close to soloing. Let's hope we have good weather for the rest of the year for them to solo. Please consider donating your time to help with instruction to finish this year and help with instruction next year in anticipation of another busy year. It's very rewarding and you will find you learn something along with the students.

I have chosen not to run for the board this year, so a new Instruction Coordinator will be chosen at the next meeting. I will still be on the instruction list so feel free to call or text me for training.

Finally, it's time to get the simulator out to use during the time of the white stuff.

Dale Anderson

OCTOBER FUN FLY

Unfortunately now that we've hit November the outdoor flying season is wrapping up for the year and with it the race for the overall Fun Fly Champion. The last Fun fly was held on October 20. It began a little bit foggy, well A LOT foggy actually but we did have 5 members come out. The fog did burn off just as the event started and it was quite a nice morning for flying; the sun was out and there were very low winds.

The Last Competition events were 5 cone slalom, Blackjack, and greatest difference between a timed high speed and low speed pass. The battle for overall champion would be decided based on the outcome of these final events so Andy and Stan were fighting it out during all three events. For the Slalom event Andy took 1st and Stan came in a very close 2nd, the second event, Blackjack resulted in Andy, Stan and Bud Durant all tying for 1st. So it came down to the last event, the High and Low speed timed pass and after everything was all added up and sorted out Andy took 1st in that event as well. The results for the Fun fly were: Andy Thunstrom 1st, Stan Zdon 2nd, Marc Tellevik 3rd, Bud Durant 4th and Phil Vaughn 5th.

So with those results Andy Thunstrom takes the 2012 ACRC Fun-Fly Grand Championship!

John Sager

OCTOBER FUN FLY RESULTS

Name	Evnt 1	Evnt 2	Evnt 3	Ttl	Place	Points
Andy Thunstrom	1	1	1	3	1	25
Stan Zdon	2	1	4	7	2	24
Marc Tellevik	4	2	2	8	3	23
Bud Durant	3	3	3	9	4	22
Phil Vaughn	5	1	5	11	5	21

Compiled by Marc Davis

FUN FLY STANDINGS

Name	Apr	Jun	Jul	Aug	Sep	Oct	Total	Place
Andy Thunstrom	21	21	22	25	24	25	138	1
Stan Zdon	18	23	19	25	25	24	134	2
Phil Vaughn	19	22	19	21	25	21	127	3
Marc Tellevik	14	18	20	21	22	23	118	4
Marc Davis	16	17	23	22	20	0	98	5
Jeff Flander	21	24	0	24	24	0	93	6
Dan Thiede	23	24	0	0	21	0	68	7
Dale Anderson	0	17	0	23	23	0	63	8
John Sager	21	20	0	0	19	0	60	9
Dave Boll	0	25	25	0	0	0	50	10
Bob Moser	0	0	24	24	0	0	48	11
Scott Oleson	25	19	0	0	0	0	44	12
Chris Cone	22	16	0	0	0	0	38	13
Chris Elliot	20	17	0	0	0	0	37	14
Bud Durant	0	0	0	0	0	22	22	16
Paul Rono	24	0	0	0	0	0	24	15
Christian Cone	22	0	0	0	0	0	22	16
Andy Noll	0	0	21	0	0	0	21	17
Don Olson	0	0	18	0	0	0	18	18
Kris Westerbur	17	0	0	0	0	0	17	19
Joe Parent	15	0	0	0	0	0	15	20

MEMBERSHIP NEWS

At the November meeting ACRC will be electing board members for 2013-2014. Four members are finishing their two-year term in December: Dale Anderson, Jeff Flander, Doug Jelinek and Stan Zdon. Five members were nominated to run for the four available positions. They are Brett Ohnstad, Marc Davis, Scott Oleson, Chris Elliott and Stan Zdon. If anyone else wishes to run for the board be sure to let a board member know. Now that nominations are over it will be safe to come to the November meeting.

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 2013 application and have their year 2013 AMA verified before they can be issued a 2013 membership card. Dues for 2013 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 2013. It is easier to set the budget if the majority of the dues are in by mid-January.

REMEMBER - I need verification of your **2013** AMA. Sending a copy of your 2012 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 15, AT 7:00 PM. Remember, if you don't come to the meeting you can't win wonderful prizes.

It's not too long until the Freeze-Fly so put your skis on your plane and get ready for some winter flying.

Stan Zdon

RC SAFETY AND THE BIG PICTURE.

I know that when you think about safety and radio control airplanes and helicopters the first thing that probably comes to mind is that big turning blade that can take off a finger or two and make it nearly impossible to count to 10 anymore. And you know what! That is great start because it says to me that you have identified the obvious. But RC safety is much more than that. Yes, it is about not flying into the crowd of onlookers or not smoking when you transfer fuel. However, I want everyone to think of the big picture. Let's see if you can identify ten more topics of safety that can be used when it comes to our hobby (or nine if you didn't learn the lesson about the big turning blade before it was too late)

I work with safety every day. I am sure that there are things that you do at work and at home that are already safety orientated. This is where thinking about safety is important. You want to be able to identify problems *proactively* rather than *reactively*. This is what I mean about thinking about the "Big Picture"

As a relatively new flyer, I was relieved when a more experienced club member came up to me and pointed out a bunch of potential problems with my airplane. The problems that were found would have hurt no one and I might have been able to fly that day anyway but I could have lost

the airplane. I certainly would not have had as much fun flying a plane that was not handling well. The point was that the more experience pilot made sure that it was safe for everyone that day and did so in a very positive manner. For this pilot, that is the great thing about being in such a great club. We have members who take the time to help and make sure that everything is safe.

Over the next year I hope to bring a bunch of topics that are related to safety that will be used not just at the field but at home as well. Just a few of the topics that I will hope to touch on:

Fire safety

First aid, AED, CPR training and how to get training

Identifying and acting on an emergency

Electrical safety at home and at the field

Material Safety Data Sheets (MSDS)

Filing a flight plan (how to get help at the field when you are alone)

Plus stuff on airplane safety and the usual flight line safety topics, AMA guidelines, just to name a few

I hope that this is getting us thinking about the "Big Picture"

Brett Ohnstad



GRUMMAN ALBATROS

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

MEETING MINUTES:

Meeting Called to Order at 7:00PM
23 Members in attendance

Board Reports:

President:

Andy reported that there were about 60 people, both fliers and spectators, at the Fall Fly-Out.

Membership:

Stan reported that we have 121 members, which is the highest total he could recall in a long while.

Safety:

Joe 'Tombstone' Parent reported that there were no known safety issues he was aware of.

Treasurer:

Phil noted that our finances are in good shape and he discussed the prizes for the raffle at the end of the meeting.

Old Business:

None to report

New Business:

Nominations were held and four members were nominated for Board positions. They were Scott Oleson, Brett Ohnstad, Chris Elliott and Marc Davis. Stan Zdon nominated himself at a later time and will also be on the ballot. Because there are five nominees for four positions there will be an election at the November meeting.

Show and Tell:



Marc Tellevik brought in a Top Flite Mini-Contender EP. It is powered by a 375-watt motor.



Ron Fichtner showed us his scratch-built from RCM plans. It is called the "FireFox", it weighs 3 pounds and it is powered by a 15 size electric motor.

Raffle:

Chris Elliott	Screw driver set
Chris Elliott	Allen wrench set
Mike Dorff	Voltmeter
Bob Barton	Fuel pump
Bob Barton	Receiver switch
Bob Barton	Screw driver set
Dave Williamson	Tach
Phil Vaughn	1500 mAh NiCd
Bob Barton	Glow lighter
Stan Zdon	Fuel dot
Scott Oleson	Loctite
Dave Williamson	Velcro assortment
Dave Williamson	Clevis tool
Dave Williamson	Lead weights
Scott Oleson	Fuel filter
Mike Dorff	Du-Bro wheels
Brett Ohnstad	Chicken stick



NAME THE PLANE

A NOTE FROM SCOTT OLESON

Fellow club members,

I would like to thank you for the nomination to serve as an ACRC board member. I look forward to serving on the board in any capacity. I have been in and out of the hobby since 1984 and have a massive airplane addiction!! My flying season is pretty much wrapped up for 2012, but the building season is just ramping up!! We have a great group of people at ACRC and I absolutely love the 9:00AM coffee discussions at the field!! Looking forward to handshakes and smiling faces at the November meeting.

Scott Oleson

EVENTS CALENDAR

Nov 23	SPRC Turkey Fly - 10:00AM
Jan 1	ACRC Freeze Fly - 10:00AM-?
Jan 1	SPMRC Freeze Fly - 10:00AM-?
Jan 1	MRCSS & MARCEE Freeze Fly

TIPS & TRICKS

All Screwed Up

I recently discovered a great way to mount canopies, cowlings and hatches, virtually anything that requires a mounting screw, to attach it to an airplane. I'd like to share it with the rest of my modeling friends.

As anyone who's ever tried to mount a fiberglass cowling or a plastic canopy on a balsa wood model knows, one of the most difficult things to do is to get the wood hard enough to reliably hold the mounting screws so they won't vibrate out in flight and allow the part to crack or fall off. In the past, the best method has seemed to be to use hardwood or plywood blocks, pre-drill the holes, and then harden them with CA. While that may work for a while, if you have to remove the screws a few times they eventually get loose again and you're right back at square one. Often, the next step is a bigger screw, which adds weight and looks crummy! So here's my solution ...

Cut a small piece of plastic antenna tubing slightly longer than the length of the screw. You can use any hard plastic tubing you have (not fuel tubing), just make sure the inside diameter is slightly smaller than the body of the screw. Antenna tubing is a perfect fit for the small allen-head servo mounting screws I like to use.

First, drill a small hole through the part and into the block (or balsa) as you normally would. Next, enlarge the hole to the outside diameter of the tubing. Make sure you're accurate with this hole, as it's important that the tubing fit snugly into the wood before gluing. You should have to tap the tubing into the hole with a small block or tool. If it's loose, drop down a size on your drill bit. You may want to practice on a scrap of wood at first to find the right bit sizes. Now just use thin CA to secure the tubing into the wood, and give it several minutes to dry.

Your screws will bite into the plastic tubing much better than they do into wood, and you can remove and replace them as many times as you need to. The friction of the tubing on the screws' threads will act like "Lock-Tite," and they won't vibrate out or loosen in flight. I keep several sizes of plastic tubing handy to match the various sizes of screws I use on my airplanes. You can use pan head, socket head, or flat head screws, whatever you prefer, they all work equally well with this method. And it's easy to modify an existing mount to use this method, too.

David McCormick, President, Falling Water Radio Control Flying Club, Soddy-Daisy, Tennessee

When drilling a hole in balsa, the wood has a tendency to splinter out and make a nasty mess where the drill bit exits. Drip a few drops of thin Hot Stuff around the exit area of the drill bit and let it cure. You can now drill a hole and the wood will hold together much better. It may still splinter out some, but not nearly as much. This method also works great when drilling wing hold-down holes on built-up wings.

From the Windy Flyer newsletter, Downers Grove, Illinois

SERVO CHATTER

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SERVO CHATTER

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CONTRIBUTORS THIS MONTH

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ACRC SPONSORS

King Kong Hobbies

Abraham Technical

Aerospace Welding

Cambridge State Bank

T & G Hardwood

*Deadline for the
next newsletter is:
December 1, 2012*

CALENDAR OF UPCOMING EVENTS

Thursday – November 15

- ACRC Meeting

Thursday – December 20

- ACRC Meeting

Tuesday – January 1

- ACRC Freeze Fly

