



ACADEMY OF MODEL AERONAUTICS CHARTERED CLUB #1255

SERVO CHATTER

A PUBLICATION OF:

ANOKA COUNTY RADIO CONTROL CLUB, INC.

NOVEMBER 2017

THE MEETING WILL BE THURSDAY, NOVEMBER 16, AT RIVERWIND!!

PRESIDENT'S CHATTER

The results are in for the last three Fun Flies:

August Fun Fly

First event: Take off loop, roll, stall turn, touch. Three times, penalty five seconds for missing the runway.

Jeff Flander	0:52.5
Andy Thunstrom	1:03.0
Jeff Slater	1:15.0
Mark Televik	1:37.0
Dale Anderson.	1:42.55

Second event: Five touch on spot. Timed, five-second penalty missing the spot.

Andy Thunstrom.	39 Sec
Jeff Flander.	46 Sec
Jeff Slater.	60 Sec
Dale Anderson.	79 Sec
Mark Televik.	93 Sec

Third event: Fly three figure 8 with touch and go after each figure 8. Five-second penalty for missing the run away.

Jeff Flander	1:55.0
Andy Thunstrom	2:15.0
Jeff Slater	2:18.0
Mark Televik	2:53.0
Dale Anderson	3:45.0

OVER ALL

Jeff Flander	first place
Andy Thunstrom	second place
Jeff Slater	third place
Mark Televik	fourth place
Dale Anderson	fifth place

September Fun Fly

First event: 10 touch and go. Five second penalty for missed runway.

Andy Thunstrom	1:32.0
Andy Noll	2:40.0
Dan Thiede	3:58.0
Dale Anderson	4:49.0
Mark Televik	DNF
Jeff Flander	DNF

Second event: 10 second climb, dead stick closest to marked spot.

Dale Anderson	1
Dan Thiede	2
Andy Thunstrom	3
Andy Noll	4

Third event: 4 loop, roll, stall turn with touch between each, 5 second penalty for missing the runway.

Andy Thunstrom	1:19.0
Dan Thiede	1:36.0
Andy Noll	2:04.0
Dale Anderson	2:21.0

OVER ALL

Andy Thunstrom	1st
Dan Thied	2nd
Andy Noll	3rd
Dale Anderson	3rd

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October Fun Fly

First event: 10 loops touch, 10 rolls touch timed. 5 second penalty miss runway

Jeff Flander	0:59.2
Tyler Ritchie	1:09.0
Dale Anderson	1:36:0
Ted Sander	DNF

Second event: taxi figure 8 two times around pylons take off land, taxi 2X figure 8 take off touch 5 second penalty for missing runway.

Jeff Flander	2:37 00
Tyler Ritchie	2:39 00
Dale Anderson	4:19 00

Third event: Spot landing best of three tries

Jeff Flander	4 ft
Dale Anderson	5 ft
Tyler Ritchie	15 ft

OVER ALL

Jeff Flander	1st
Tyler Ritchie	2nd
Dale Anderson	3rd
Ted Sander	4th

That is it; see you at the November meeting. Fly safely

Virgil Okeson

FROM THE VEEP

I'd like to propose that we change the season name from "Fall" to "Schizo". Mainly because I just finished shoveling three inches of "Chance of light snow" from my driveway. Doppler Smoppler. They must be using a dartboard with weather conditions in place of numbers. Don't you wish that you could be as consistently wrong at your job as the weather forecasters are at theirs ?

Weather "...is like a box of chocolates...." to paraphrase the movie line.

Oh well, enough whining. Snow and cold in Minnesota means building time for airplane enthusiasts. Time to evaluate what you've been flying: keep, sell, toss. Perhaps dig out that half finished project from way back when and just do

it. Or better yet, buy something new. How about a 1/6th semi scale Decathlon ARF for a buck? EP/GP, 65 inch span. Plug in wings with lots of scale touches. All it takes is one dollar for the winning raffle ticket at the November meeting and it could be yours. Of course you can increase your odds with twenty or more tickets (Marc will love ya) but all it take is one. I've got several more items for prizes but you'll have to attend the meeting to find out just what they are. Come on out and support your club.

Tim Karash

MEMBERSHIP NEWS

ACRC rules require the use of either the ACRC card or an AMA card for guests. 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 the 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 2018 application and have their year 2018 AMA verified before they can be issued a 2018 membership card. Dues for 2018 are \$75.00 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 2018. It is easier to set the budget if the majority of the dues are in by mid-January.

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REMEMBER - I need verification of your **2018** AMA. Sending a copy of your 2017 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 16, 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

A Look Back

November 1989

28 Years Ago

A short and sweet newsletter hit the mailboxes this month.

Board member elections are up with Paul Stafki, Tim Mudek, Paul Hokanson, Dan O'Link, and Emery Mehl all nominated to fill the two available positions.

Club membership renewal reminder and videotapes that are MIA filled the remainder of page one.

Flying Site Rules and Site Courtesy Lists filled the remaining pages

November 1999

18 Years Ago

President Mark Felland described a flying session of 70-degree temps on November 7th. Yep, it can happen. However on the next page, Dan Stahn recommended several items for cold weather flying, most importantly, WD 40.

An announcement by yours truly, for a Mall Show at Northtown Mall to be held on January 8 & 9, 2000.

A very informative article written by Don Nix of Power Master Fuels dispelled the "...many myths, misconceptions, misunderstandings, errors

(and more than a few lies)...." regarding oil content and type used in glow fuel.

Tim Karash

ACRC EVENTS

Winter Flying

I find myself flying less in the winter months than I did in the past when I was younger and more able to handle the cold. Now I am smarter and know when to stay in and not freeze the fingers. For those that may feel the same I have this to offer. The MARCEE club is sponsoring indoor flying at the golf dome next to Fleet Farm near Osseo. I will be coordinating 10 evening flying sessions. Small airplanes, multi rotor, helis, FPV, and time for some 3D are all welcome. The time spent with fellow flyers and friends is great and you can get in a flight or two.

The dates are as follows:

December	14 & 28
January	11 & 25
February	15 & 28
March	15 & 29
April	12 & 25

Flying starts at 7:30 PM and goes until 9:30 PM. You can come early to set up if you like. Fees are \$10.00 for MARCEE members and \$15.00 for non-members per session. MARCEE welcomes all to join their club for an annual \$20.00. You can then fly the ten sessions for \$120.00 instead of \$150.00 as a non-member and also join us at our monthly meetings at the EAA building at Anoka CO airport the first Monday of each month.

I am looking forward to an Indian summer and some good flying in November.

Jeff Slater



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

ACRC MINUTES

18 members present

Board members present:

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

Membership Update:

116 Members to date

2018 club memberships need to be renewed by Feb 1 to avoid the late fee.

Treasurer's Report:

Income: \$667.00

Expenses: \$167.57

Events:

October Fun Fly moved to Sunday due to impending poor weather conditions.

Training:

Training is over for the season.

Old Business:

Starting in 2018, a \$30 training fee will be assessed to trainees. The fee will be applied toward club membership when/if they join.

New students will be advised of 60 day AMA coverage for training; however, the clock starts ticking at first lesson.

2017 Event recap: Open flying types of events seem to draw the most participants. Additional discussion will be necessary.

A high security lock and cable, for the lawn tractor, has been purchased. It will be installed next year.

New Business:

Thanks to Bob Svare for tree trimming.

Training planes are in need of maintenance and battery replacement. A larger (60 size) trainer may need to be purchased.

Show and Tell:

Jeff Slater brought a transmitter that was in need of a uncton switch replacement. Jeff found an online store (salecom.com) that supply replacement switches. Many styles are available.



Stan Zdon brought a Husky Tools portable workbench that he modified to hold his airplanes for maintenance and starting. Adjustable wheel chocks position different length aircraft to a secure starting position.

Raffle Prizes:

1st Uproar V2 ARF	Bruce Marten
2nd Drill bit set	Ed Belmore
3rd Flashlight w/magnet	Jeff Slater

Tim Karash

ACRC TRAINING

The Flight Training has ended for 2017 but if you're looking for some stick time, don't forget the flight simulators out there. If looking for one, check out the following:

Phoenix	www.phoenix-sim.com
Real Flight	www.realflight.com
AeroSim RC	www.aerosimrc.com
ClearView	www.rcflightsim.com

It's a great way to keep your RC pilot skills up

Tom La Rose

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 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 (NiCd). 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

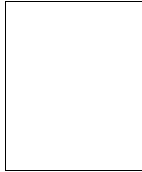
If you have an electric starter hookup, remove the 12-volt lead acid battery, clean the terminals and check the electrolyte level. Add water if necessary. This battery **MUST BE CHARGED** if stored outdoors during the winter. A monthly charging will keep the battery from freezing and also extend its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

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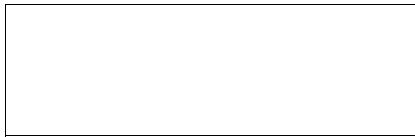
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 ACRC Forum - <http://anoka-rc.com/forum>

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ACRC SPONSORS



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CALENDAR OF UPCOMING EVENTS

Thursday – November 16
 •ACRC Meeting-Riverwind

Thursday – December 21
 •ACRC Meeting-Riverwind

Monday – January 1
 •ACRC Freeze Fly

Thursday – January 18
 •ACRC Meeting-Riverwind

Thursday – February 15
 •ACRC Meeting-Riverwind

Thursday – March 15
 •ACRC Meeting-Riverwind

Thursday – April 19
 •ACRC Meeting-Riverwind

Saturday – April 21
 •ACRC Fun Fly #1

