



ACADEMY OF MODEL AERONAUTICS CHARTERED CLUB #1255

# *SERVO CHATTER*

A PUBLICATION OF:

ANOKA COUNTY RADIO CONTROL CLUB, INC.

**AUGUST 2011**

***THE MEETING WILL BE THURSDAY, AUGUST 18, AT THE FIELD!!***

## **PRESIDENT'S CHATTER**

With the weather we've been having it has been a tough season for flying this year. Our events schedule is still busy and weather permitting there are eight more events. As a reminder our events are listed on our website and on our forums. After last years successful Fall Fly Out experience we are asking for volunteers. The Fall Fly Out will be October 1 this year and your help will make the event fun for everyone. We will need help with food, parking and other tasks. Please let us know if you can lend a hand. The field has been looking great thanks to the work of just a very few people. Again, please help out; it does make it easier if everyone pitches in. I have heard many compliments on our club as a whole from spectators sharing our events and from the people I talk with at King Kong Hobbies. That is a great reflection on our club. Enjoy your flying time and be safe out there.

Erik Castrodale

## **ACRC SAFETY**

It's been pretty quiet for he last month as far as I know. If that's the case, good, please keep it that way. As we get deeper into the season don't forget to periodically do a little maintenance on your plane. We all know that thing called an expiration date is inevitable and it can be extended with a little TLC. Double check servo horn screws, clevises, hinges, or perhaps do a good cleaning job.

Andy Thunstrom

## **ACRC COMBAT**

It has been pretty exciting in the world of combat. Lawn darts, bent rails that look like a small j, to plane parts everywhere, to fishing planes out of the drink. There was a good turn out of pilots on the 7th for this months combat. There were a total of 8 participants that all flew at the same time and ended up in the ground all at the same time, go figure. Some pretty nasty hits were so loud that the near by neighbors could probably hear. The three highlights were: Matt "Tombstone 2" Campson suffered a devastating blow to his plane that ended up with a wing in 2 pieces that floated nicely to the ground. The second nasty was a plane that got a little too close to the flight stations. On a turn a round and the recovery, the pilot made a wise choice to play the right card for safety sake and made a hard landing on the asphalt. Best of all, the original "Tombstone", Joe Parent, decided to park his plane in a ditch. Boy was that fun to fish out. It was stuck in the mud about a foot deep. Nice work Tombstone. We are still looking for some more spectators to check it out; you are guaranteed not to be disappointed. Next combat September 11.

That's all for this month.

Andy Thunstrom



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

## FLIGHT TRAINING

.We have had two trainees solo recently. Congratulations to John Sager and Arthur Rupp. They have both worked very hard. Dan has a new trainee. Welcome Phil Pascuzzi. I've also given several discovery flights. They are a great way to experience R/C flight without the costs and always bring a smile.

Dale Anderson - Instruction Coordinator

## MEETING MINUTES

Meeting called to order at 7:00 PM  
28 members present.

### Board Reports:

Membership: Stan Zdon reports that the Float Fly will be rescheduled due to a problem with the dock. He will send out an e-mail.

Events: Marc Davis reminded everyone that the next Combat event would be August 7. The Scale Fly In will be August 27. The recent Combat event cancelled due to bad weather will be rescheduled and notice sent out via e-mail.

There is currently a need for volunteers for the Fall Fly Out.

Treasurer: Roger Jeffrey reports the club finances in good order.

Chris Cone reviewed the evenings raffle prizes.

### Old Business:

The club wishes to express their appreciation for mowing the field to: Gary Breitenbach, Gary Titus and Ken Dinkel.

### Raffle:

|     |               |               |
|-----|---------------|---------------|
| 1st | Steve Ulrich  | Wheels        |
| 2nd | Darren Bitzer | Remote glow   |
| 3rd | Joel Parent   | Lipo battery  |
| 4th | Brett Ohnstad | Power meter   |
| 5th | Brett Ohnstad | Tachometer    |
| 6th | Joe Parent    | On board glow |

Steve Ulrich

## MEMBERSHIP NEWS

HOSPITAL REMINDER - The closest hospital is Fairview in Wyoming, just north of Forest Lake. Go east on Hwy 22 to Hwy 61, which is just a ways beyond Hwy 35, and south on Hwy 61 to the hospital. The hospital is on the right side of 61 as you are going south. **FLY SAFELY!!!!!!**

If you have to call 911 the GPS coordinates of the field are

Hwy 65 and 197th 45.326927 -93.236293

ACRC shelter 45.328692 -93.230971

Copy them and keep them in your flight box or billfold.

So far ACRC has 10 new members for 2011. Their names are listed below. Some of them are first year fliers. Please give them all the assistance that you can when you see them at the field.

|               |                    |
|---------------|--------------------|
| Randy Graven  | John Sager         |
| Aaron Hansen  | Jacob Schoenberger |
| Brett Ohnstad | Marlyn Steinberger |
| Phil Pascuzzi | Rick Teteak        |
| Arthur Rupp   | Lee Wolfgram       |

The 2011 ACRC Fun Scale and the ACRC Float Fly are now history. The only events still to occur this year, other than Fun-Flies, are the ACRC Electric Fly on September 10 and the Fall Fly-Out on October 1.

The Float Fly was finally held on Thursday, August 11. It was a beautiful day with light winds but only 6 members attended: Bud Durant, Mark Dubay, Ken Dinkel, Bob Nagle, Joe Parent and Stan Zdon. Only Bud, Bob and I had planes. Bud had engine trouble so only Bob and I flew. Ken took some pictures and these appear later in the newsletter.

The next meeting will be at the field on August 18 at 7:00 PM. This is the last meeting at the field for 2011. **THE SEPTEMBER MEETING WILL BE AT RIVERWIND.** There will be a fun-fly on Saturday August 20.

Stan Zdon

## ON THE SAFE SIDE

### Safety is the Name of the Game

*by Jim Wallen, AMA Insider Club Editor*

Every AMA club has a safety officer. It is a requirement if the club is to be AMA sanctioned. All too often we quickly identify a safety officer and then go on our merry way, paying little attention to significant safety issues. Let's identify a few of them and see if they might make sense for your club.

AMA issues a safety code to all AMA sanctioned clubs every year and it should be posted at your flying site. This listing of safety requirements has been a valuable asset over the years that has contributed to minimizing accidents and injuries. Take the time to read it to refresh your memory.

Have your safety officer give a brief presentation at one of your club meetings. Perhaps having a guest speaker come to the meeting and give a talk about procedures to follow for such things as lacerations, heart attack, or some other potential problems that could arise.

Keep the address or location of your flying site prominently posted in case of an emergency that requires medical assistance. Minds can get fuzzy when you are in the middle of an emergency! If you have to make that 911 call, you need to know where you are.

We have a lot of hard-earned cash invested in our aircraft. They don't stay in good shape forever. Take the time to periodically check them out for wear and tear. This is especially true for batteries. Electrical failure is the source of numerous unexplained crashes.

Pilot error is always a major concern. Maybe conducting classes for pilots to fine-tune their skills would help out. Many clubs provide training for the new fliers but pay little attention to pilots who have successfully soloed. There is always room for improvement.

Courtesy and common sense often fix a potential safety issue before it becomes a problem.

Extreme sunlight can be damaging to your eyes. Take a look at getting some proper eye protection. Some tints of color actually let you see your aircraft more clearly. Polarized lenses are a great form of protection. Our hobby is notorious for putting us in jeopardy from sunlight. Always slather on sunscreen before going to the field. It is a good idea to reapply during the day. Skin cancer is a terrible thing!

Take the time to think about safety. Safety doesn't happen all by itself. It takes your thoughts and actions to make it happen. Modeling and flying is one of the best sources of fun and enjoyment that I can think of. Creating safe environment will help keep it that way.



### NAME THE PLANE #1



### NAME THE PLANE #2

## ACRC EVENTS

The July fun-fly set a record for attendance with 21 flyers and several spectators. That's almost a quarter of the club at the event! If you haven't come to a fun-fly event yet I encourage you to at least come and watch. It's a great morning of socializing with friends and a little bit of good wholesome competition that is all in the name of fun. Well I say that, but one of the pilots said that all the rule clarifications were taking the N out of FUN. I say this in jest as we all really do have a great time.

This month's events were:

1st Event: Takeoff, perform 5 horizontal figure 8s and then land for the fastest time. Andy Thunstrom took first place with a time of 37.9 seconds.

2nd Event: Most number of touch and goes in two minutes. Phil Vaughn, Scott Oleson and Andy Thunstrom tied for 1st place with 6 touch and goes.

3rd Event: 30 second climb then dead stick. Longest time with a 5 bonus seconds added for landing on the runway and 10 bonus seconds for landing on the runway but stopping in the center taxi area. Chris Cone won this event with a huge time of 6 minutes and 10 seconds.

Dan Thiede managed to pull out the overall win. I think Roger had to misspell his name on the trophy for this month just so we can get someone different on it. Everyone is invited to come on out and try to knock the overall first place leader off his throne. There are only three more fun-fly events left this year. So come on out, one of these events is bound to be the dreaded plane killer event also known as the Limbo! Now that is one fun event to watch.

The Scale Fly is being held on Saturday August 27. This is an open fly event starting at 9:00 AM, any plane that that looks scale either military or civilian is welcome and the event is open to anyone who has an AMA card with them. The food club met and planned the menu for the event;

the club will be providing Brats and hotdogs along with the fixin's along with bottle water. Club members are being asked to bring a side dish or dessert to share. We will need a few coolers with ice so if you can bring one please let me know at the meeting or the fun-fly. If you can't bring something then a donation can to help offset the cost of the food will be out.

September 10 will be the Electric Fly; past years have been well attended by MARCEE and club members. I have noticed an increase in all electric flyers at the field so this year should be well attended. This event is free and open to anyone with an AMA card. Safety meeting will be held at 9:00 AM with the field open to electric planes only until about 3:00 PM. After that time the field will be open to all planes.

Our largest event of the year, the Fall Fly-Out on October 1, is getting closer and last month I asked for some volunteers. I have yet to hear from anyone but here are some of the jobs that I need to get filled. We need about 4 people to volunteer to be an air marshal and sit near the flight line and help with getting pilots and planes on and off the field. We also need about 4 people to help park cars for the first few hours of the day. Last year Eric Castrodale spent a good part of the morning doing this. It's my hope that we can get at least 4 people to help with these positions so no one person is stuck doing this the whole event. If your interested in helping out, please see let me know out at the field or send me an email.

Marc Davis - Event Coordinator

## UPCOMING EVENTS

### August

|              |                 |
|--------------|-----------------|
| Fun Fly      | August 20, 2011 |
| Scale Fly-In | August 27, 2011 |

### September

|                   |                    |
|-------------------|--------------------|
| ACRC Electric Fly | September 10, 2011 |
| Combat Fly        | September 11, 2011 |
| Club Meeting      | September 15, 2011 |
| Fun Fly           | September 17, 2011 |

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**October**

Fall Fly-Out            October 1, 2011  
 Combat Fly             October 9, 2011  
 Club Meeting          October 20, 2011  
 Fun Fly                  October 22, 2011

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

**JULY FUN FLY RESULTS**

| Name            | 1 s t<br>Evtnt | 2 n d<br>Evtnt | 3 r d<br>Evtnt | Total | Place |
|-----------------|----------------|----------------|----------------|-------|-------|
| Dan Thiede      | 2              | 2              | 2              | 6     | 1     |
| Stan Zdon       | 10             | 5              | 5              | 20    | 7     |
| Darren Bitzer   | 18             | 4              | 9              | 31    | 12    |
| Jeff Flander    | 3              | 3              | 4              | 10    | 2     |
| Phil Vaughn     | 6              | 1              | 3              | 10    | 2     |
| Jim Wright      | 7              | 2              | 5              | 14    | 4     |
| Chris Cone      | 9              | 5              | 1              | 15    | 5     |
| Doug Jelinek    | 8              | 3              | 17             | 28    | 11    |
| Marc Davis      | 5              | 7              | 13             | 25    | 10    |
| Andy Noll       | 13             | 3              | 8              | 24    | 9     |
| Joe Parent      | 4              | 6              | 7              | 17    | 6     |
| Ray Jelinek     | 21             | 4              | 12             | 37    | 14    |
| Scott Oleson    | 11             | 1              | 10             | 22    | 8     |
| Bob Nagle       | 17             | 4              | 15             | 36    | 13    |
| Mike Dorff      | 15             | 4              | 17             | 36    | 13    |
| Kris Westerbur  | 16             | 6              | 14             | 36    | 13    |
| Rick Teteak     | 14             | 7              | 17             | 38    | 15    |
| Andy Thunstrom  | 1              | 1              | 11             | 13    | 3     |
| Paul Castrodale | 12             | 6              | 18             | 36    | 13    |
| Roger Jeffery   | 19             | 8              | 18             | 45    | 16    |
| Dale Anderson   | 20             | 3              | 15             | 38    | 15    |

**CURRENT FUN FLY RESULTS**

| Name            | April | June | July | Pnts | Place |
|-----------------|-------|------|------|------|-------|
| Phil Vaughn     | 17    | 22   | 24   | 63   | 4     |
| Doug Jelinek    | 14    | 0    | 15   | 29   | 16    |
| Ray Jelinek     | 21    | 17   | 12   | 50   | 7     |
| Andy Thunstrom  | 22    | 18   | 23   | 63   | 4     |
| Bob Moser       | 16    | 0    | 0    | 16   | 21    |
| Dave Dentz      | 15    | 0    | 0    | 15   | 22    |
| Dan Thiede      | 25    | 23   | 25   | 73   | 1     |
| Marc Davis      | 19    | 22   | 16   | 57   | 5     |
| Joe Parent      | 13    | 22   | 20   | 55   | 6     |
| Roger Jeffery   | 12    | 0    | 10   | 22   | 19    |
| Dave Boll       | 23    | 0    | 0    | 23   | 18    |
| Stan Zdon       | 23    | 24   | 19   | 66   | 3     |
| Kris Westerbur  | 13    | 16   | 13   | 42   | 9     |
| Dale Anderson   | 12    | 14   | 11   | 37   | 10    |
| Paul Rono       | 20    | 15   | 0    | 35   | 12    |
| Scott Oleson    | 18    | 0    | 18   | 36   | 11    |
| Christian Cone  | 24    | 0    | 0    | 24   | 17    |
| Chris Cone      | 21    | 0    | 21   | 42   | 9     |
| Chris Elliot    | 11    | 0    | 0    | 11   | 24    |
| Jeff Flander    | 22    | 25   | 24   | 71   | 2     |
| Paul Castrodale | 0     | 19   | 13   | 32   | 14    |
| Rick Teteak     | 0     | 0    | 11   | 11   | 24    |
| Steve Ulrich    | 0     | 17   | 0    | 17   | 20    |
| Bob Nagle       | 0     | 18   | 13   | 31   | 15    |
| Jim Wright      | 0     | 21   | 22   | 43   | 8     |
| Mike Dorff      | 0     | 20   | 13   | 33   | 13    |
| Darren Bitzer   | 0     | 0    | 14   | 14   | 23    |
| Andy Noll       | 0     | 0    | 17   | 17   | 20    |

# ON THE SAFE SIDE

## Avoiding and Treating Heat-Related Problems

### Types of Heat-Related Problems

- \* **Heat Cramps** – symptoms include painful cramping and spasms of legs, arms and/or abdominal (stomach) muscles.
- \* **Heat Exhaustion** – symptoms include feeling tired, weak, and dizzy; headache, nausea and possible vomiting. Heavy perspiration; skin feels moist.
- \* **Heat Stroke** – symptoms include feeling tired, weak and dizzy. Skin feels hot and dry, even under armpits; appears red and flushed. May become delirious and unconscious.

**This is life threatening! Call 911.**

### Reducing Your Risks

#### 1. Drink lots of cool water

Drink lots of cool water, even more than you think you need, when the weather is hot and humid. (High humidity makes heat injuries more likely because perspiration does not evaporate from the skin as quickly; this causes the body to cool down more slowly.) Water is best; fruit and vegetable juices are good, too.

Drink at least a gallon of liquid a day (about 16 glasses) when the outside temperature is above 90 degrees and you are not in air-conditioned surroundings. This will mean drinking 1 1/2 times as much liquid as your thirst signals you to drink. Overweight people need even more water during summer than average weight people.

Do not drink beer or other alcoholic beverages, coffee, tea or other drinks containing caffeine because they cause you to lose fluid.

#### 2. Maintain normal salt intake

Maintain normal salt intake in your diet (1 1/2 teaspoons or less per day). If you have heart disease or high blood pressure, ask your doctor about your salt intake.

#### 3. Wear light-colored clothes

Wear light-colored clothes that are loosely woven and absorbent. Cotton is best; it absorbs 40 percent of its weight in moisture. Most synthetic (manmade) materials trap body heat and are not absorbent. Wear a hat to shade your head.

#### 4. Avoid outside activities during the heat of the day

If you are required to work outside, take frequent breaks and drinks of cool water. Do not run or do other types of energetic exercise during the heat of the day. Get wet, wear wet clothing, or bathe/shower as often as possible without drying yourself—this gives your body cooling system a boost.

#### 5. If there is no air conditioning:

- \* Use a fan.
- \* Open windows wide to create as much cross ventilation as possible.
- \* If your apartment or home is shaded from the sun at certain times of the day, the windows should be open on that side, and the drapes/shades should be closed on the sunny side of your home or apartment.
- \* Avoid cooking.
- \* Go to a cool place, if possible, like the library, the senior center, the theater, or the shopping center during the heat of the day.
- \* Take frequent, cool baths or showers.

#### 6. Older people are more sensitive to heat

Realize that older people are more sensitive to heat and may easily suffer heat-related sickness. Also, anyone with diabetes, heart disease, arteriosclerosis, high blood pressure, or Parkinson's Disease is more sensitive to the effects of heat.

#### Reducing Your Risks During Physical Activity

To physically perform your best in hot weather, you must have an unlimited amount of water available to drink. You should:

- \* Drink two 8-ounce glasses of water, juice, or a sports drink 2 hours before physical activity (8 ounces equals one full measuring cup of fluid).



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- \* Drink 4 to 8 ounces (1/2 to 1 full measuring cup of fluid) or more of water or a sports drink 5 to 10 minutes before physical activity.
- \* Drink 8 to 10 ounces of fluid, or as much as you can tolerate, every 15 to 20 minutes during physical activity.
- \* Avoid drinks with caffeine—they may cause muscle cramping.
- \* Eat plenty of fruits and vegetables to maintain adequate amounts of sodium, calcium and potassium.
- \* Avoid taking salt tablets—most foods provide enough sodium.

### Treating Heat-Related Problems

#### Heat Cramps

1. Rest in a cool, shaded place.
2. Drink cool water slowly (4 ounces which is equal to 1/2 cup of fluid, every 15 minutes)
3. Stretch the muscle lightly.
4. Massage the area gently.

#### Heat Exhaustion

1. Rest in a cool, shaded place.
2. Lie down with feet raised 8 to 12 inches.
3. Loosen all clothing.
4. Drink cool water (4 ounces, which is equal to 1/2 cup of fluid, every 15 minutes).
5. Place cool, wet clothes on forehead and body.

#### Heat Stroke

1. Remove clothing.
2. Sponge with cool water.
3. Fan with a towel or cloth.
4. Call an ambulance and transport the person to the nearest emergency room immediately.

**This is a life-threatening emergency.**

*Written by Carol A. Rice, Ph.D., R.N., Professor and Extension Specialist, Texas AgriLife Extension Service, Texas A&M System.*

Submitted by Stan Zdon



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

## UPS GRIPE SHEET

After every flight, UPS pilots fill out a form, called a "gripe sheet," which tells mechanics about problems with the aircraft. The mechanics correct the problems, document their repairs on the form, and then pilots review the gripe sheets before the next flight. Here are some actual maintenance complaints submitted by UPS pilots (marked with a P) and the solutions recorded (marked with an S) by maintenance engineers.

**By the way, UPS is the only major airline that has never, ever, had an accident.**

P: Left inside main tire almost needs replacement.

S: Almost replaced left inside main tire.

P: Test flight OK, except auto-land very rough.

S: Auto-land not installed on this aircraft.

P: Something loose in cockpit.

S: Something tightened in cockpit.

P: Dead bugs on windshield.

S: Live bugs on back-order.

P: Autopilot in altitude-hold mode produces a 200 feet per minute descent.

S: Cannot reproduce problem on ground.

P: Evidence of leak on right main landing gear.

S: Evidence removed.

P: DME volume unbelievably loud.

S: DME volume set to more believable level.

P: Friction locks cause throttle levers to stick.

S: That's what friction locks are for.

P: IFF inoperative in OFF mode.

S: IFF always inoperative in OFF mode.

P: Number 3 engine missing.

S: Engine found on right wing after brief search.

P: Target radar hums.

S: Reprogrammed target radar with lyrics.

P: Mouse in cockpit.

S: Cat installed.

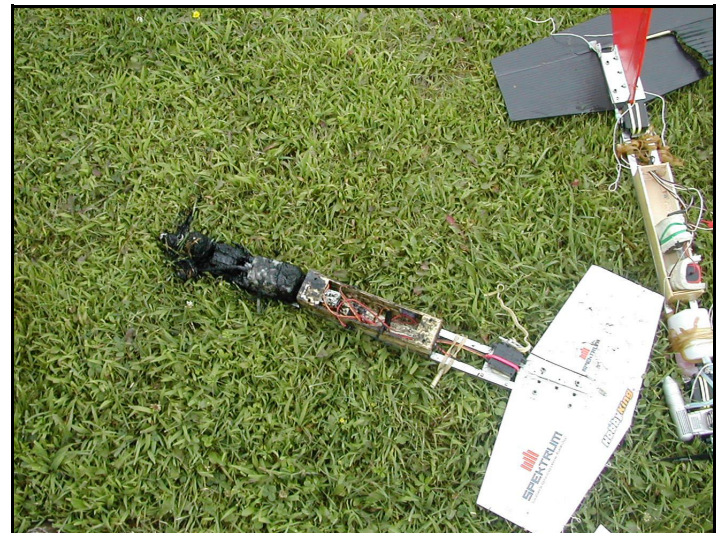
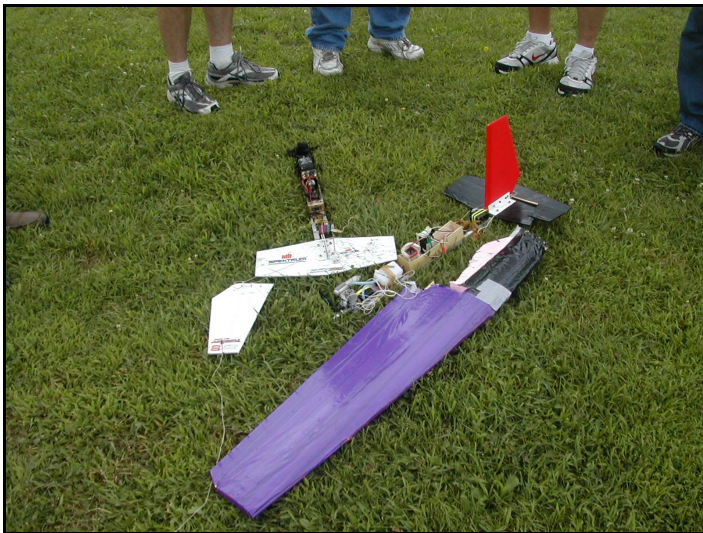
P: Noise coming from under instrument panel.

Sounds like a midget pounding on something with a hammer.

S: Took hammer away from midget.

# AUGUST 7 ACRC COMBAT

Pictures by Ken Dinkel





# 2011 ACRC FLOAT FLY

Pictures by Ken Dinkel



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*Steve Ulrich*

*Stan Zdon*

## ACRC SPONSORS

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

*Deadline for the  
next newsletter is:  
September 1, 2011*

## CALENDAR OF UPCOMING EVENTS

Thursday – August 18

- ACRC Club Meeting

Saturday – August 20

- ACRC Fun Fly

Saturday – August 27

- ACRC Scale Fly In

Saturday – September 10

- ACRC Electric Fly

