



The Sunbeam

Views From the President by Kent Woods

May is here, and the wind came with it...cross wind at that, but maybe it will settle down now. We avoided another flood scare, and the river is back in it's banks.

The other gate post is in, thanks to Lowell for his good help. Now that we have experience in gate installation we thought about going into business, but then we re-evaluated the situation and decided we both like retirement to much, besides it would cut in to our flying time.

Lowell is also our field Marshall, and among other duties he is in charge of getting people to help with the field mowing. It would be of great help if you could volunteer to help with that. We are still waiting to get the other roll of petromat installed....can't be a day with much wind, when you get that much material unrolled it acts as a very large sail! If you have been to the field recently you found that the portable toilet is there, we were able to save a little money from last year and it will be there through the end of September.

We will have a trainer fun fly and picnic on May 25th. Bring your trainer type plane...and if you don't have one come anyway there will some there for you to fly. The fun fly part will be skill events, were not telling what so you won't know what to practice! For the picnic part we will have a grill available to cook what ever you decide to have, please bring a dish to share. The club will furnish the drinks. Most important is your attendance!!

Our next meeting WILL BE AT THE FIELD on Tuesday May12th at 7 PM. YOUR INVITED! Come early and get in some flying. Remember to bring your lawn chair. There will be a short program called "How do you do that" come learn and share some of your trade secrets!

Calendar

May 12 Regular monthly meeting at the Ames Public Library, Community Room at 7:00 p.m.

May 25 Annual Labor Day Club picnic and Fun Fly. Bring your won meat, a dish to share and taber service. Bring your trainer plane! The Fun fly will be based on typical proficiency maneuvers that everyone should be able to perform.

May 28 Executive Council meeting.

June 7 First race day. 9:30 registration, test flights 9:00-10:00, racing at 10:00. Timers needed, too.

Club News

April meeting notes. 17 people were present. President Kent Woods called the meeting to order at 7:10. The spring rent has ben paid. We have 27 members. Minutes of the March meeting were approved.

Old Business. Kent had done Port-a-Pot shopping and found that Jim's Johns had the lowest price. Members voted to pay the fees from the budget for May-Sept. Mark Taylor proposed that this expense be removed from the budget and paid for by donations.

By-Laws updating. Mark Taylor read a proposed document from Kent woods. Some of the verbage is required by AMA. The proposed document lumped the newsletter responsibility with the Secretary duty. Dennis Goodrich said that this has been true in our club only by happenstance. He also feels it would be ideal to have an independent voice in the newsletter editor. Also that not many people would like to edit a newsletter and that it might limit interest in Executive Council participation. The membership present agreed and this change was made.

Visitor policy was discussed. Present allowances were affirmed and it was recommended there be a sign posted listing whom to contact if one were a visitor.

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Selected Events for 2009 (so far)

For more detailed information consult the Contest Calendar in [Model Aviation](#)

May 2-3 Mid-Iowa Control Liners annual contest at Big Creek
 May 16-17 Muscatine Glider Meet
 May 25 C.I.A. Trainer Fun Fly/Picnic

June 7 C.I.A. sport racing (sanction pending)
 June 20 Quad Cities Air Show (full scale)
 June 27-28 Modelaires Warbird Fly EPJ Field

July 12 C.I.A. sport racing (sanction pending)
 July 11-12 Modelaires Giant Scale Fly EPJ Field
 July 25 Cedar Rapids Skyhawks Warbirds Over Iowa- rain date 8/25

August 1 Modelaires' Frank Perkins Fly at West Field
 August 7-9 Owatonna Warbirds
 August 22 Cedar Rapids Skyhawks Electric Fun Fly 8/23- rain date

Ron Gale in Isreal House

Ron Gale is presently in Isreal House in Ames. He would really appreciate short visits from club members.

The butcher backed into the meat grinder and got a little behind in his work.

Meeting Notes cont'd from Page 1

A special assessment provision was stricken from the document.

Dons Sprague mentioned that he would like to see a monthly Safety Report of incidents written in an anonymous form. AMA sound recommendations mean that some models will have to be silenced better. We need to collect data and determine if these are guidelines or rules.

(The Sec. can't understand his notes - looks like a baseball score, Lowell 2, Art 9?)

Field Rules need to be updated, put on website and at the field. Lowell suggested a revision number be added so we know that we are looking at the same version.

GATES - Someone drove around the gates, and it was probably a member! A post has been laid there to discourage this.

There will be a Memorial Day picnic and a Trainer Fly where we will fly basic proficiency maneuvers like landings, approaches, etc.

Executive Council Notes

The Executive Council met at Bergies Express on APRIL 2. We had 26.5 paid members at that time. An update to our field rules is in the works. Definition of the "flightline" and just where it is was discussed. Pilots, please note: some people have been uncomfortable behind the flight line at times. You must become aware of those around you. If you are flying in a manner that is making others feel uncomfortable or unsafe, or if that is communicated to you, you must make an effort to adjust your activity to accommodate them.

The cost of the port-a-pot was discussed. Kent will shop for pricing. We plan to have it available from June-September.

Kent distributed copies of a modified By Laws as a beginning proposal for updating them. Mark Taylor will have notes for discussion at the meeting. Kent and Lowell will get a real gate post in the ground, soon. Lowell has seeded some of the vandals's tire tracks. It was moved that future Executive Council meetings will be on the last Thursday of the month, rather than the second Thursday preceding the meeting. Kent noted that District VII AVP Charles Spencer dropped by the field. He was at last year's Multi-Fly and hopes to come again this year. There will be a Memorial Day Fun Fly for trainer planes. Events will be task oriented to normal flying skills. Dust off your trainer!

From the Rocky Mountain Flying Machine Web site

Hints for Airplane Set Up

by Richard Lindberg

1. Alignment of wing.
2. Incidence of wing.
3. Alignment of stabilizer.
4. Incidence of stabilizer.
5. Engine thrust line; all directions. Is it correct?
6. Ailerons: TE aligned with wing TE. Straight.
7. Elevators 1: TE aligned with chord line of stabilizer.
8. Elevators 2: TE aligned with each other.
9. Rudder: aligned with fuselage centerline.
10. Control travels 1: same both directions on all surfaces.
11. Control travels 2: balanced aileron and elevator throws. *
12. Radio: exponential on aileron, elevator, rudder; at least 25% to start.
13. CG: (static) set per the manufacturer, your experience, then forward at least ¼ inch. *
14. Landing gear: check every piece; align wheel track.
15. Control system: check every piece; Loctite, glue, tighten as needed, then check again.
16. Canopy, belly pan, cowl, propeller, spinner, tail wheel: check every screw, washer, nut, bolt, latch. They have to work here to work there.
17. Tank plumbing: tank tubes, lines, clunks, tees, check valves, plugs.
18. CG: see step 13. Write down someplace.
19. Control movements: correct directions and amounts. Write down.
20. Battery check: Check battery!
21. If transmitter permits, “copy” this airplane to another, save with a version name, and keep it there unchanged. It is your original, in case you program yourself into an unflyable condition.

The items marked * are based on my personal experience and are my preferences. I like a balanced feel to elevator and aileron, hence the setup I listed. Same for exponential. In most control systems we use these days, you need about 25% or so to get to the “linear” travel point on the system you have. So, if you set 30% exponential, remember it’s only 5% “real” exponential. The reason I recommend the forward CG is that many fliers mistakenly set the CG on their airplanes too far aft. Until you have personally tried a slight forward CG (like suggested above) you won’t believe how much better your airplane will fly. Trust me on this; try it, you’ll like it.

By the way: item 20. Everything associated with your airborne and transmitter batteries needs to be checked by you at least twice, then you spouse or significant other, then whoever is at the field when you put the thing together. Trust me.

Now, this is not a comprehensive trimming chart, but it is a handy reference checklist for that new airplane you’re either building or preparing to haul to the field.

Also, if you aren’t already in the habit of writing down your particular airplane setup, begin now. Knowing where you started from makes things a lot easier when you are at the field tweaking everything. And don’t forget to date your lists. The important idea is to keep a record of where you are, so you can more easily figure out where you went. Q

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Comments to the Editor

Any comments concerning this issue of the Sunbeam can be made via email to Denny Goodrich at dennyginia@yahoo.com. You can also call me at (515) 292-6326.



Flashback to May 29, 2005 Ray Rhoad (l) is assisted by Frank Annett (r).

The Central Iowa Aeromodelers

<http://dlgoodri.public.iastate.edu/page5.html>

This club has been established to promote all facets of the hobby/sport of model aviation and to provide assistance and fellowship for its members. AMA Charter 2091.

For information about modeling or this club contact:

Kent Woods	- President	232-8180	woods229@msn.com
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2009 Central Iowa Aeromodelers Membership Form

- Annual Dues: Open Member \$70 - Any Open AMA member.
 Student \$35 - Full time college undergrad/school student of any capability
 Family Membership \$70 - Includes spouse and all in household 18 & under.
 Newsletter Subscription \$10 - For non members only.

NO REFUNDS ON DUES PAID

THESE DUES ARE ADDITIONAL TO ACADEMY OF MODEL AERONAUTICS MEMBERSHIP

<https://www.modelaircraft.org/joinrenew.aspx>

All except newsletter subscription require proof of current Academy of Model Aeronautics membership.

Make checks payable to Keith Begin, 2530 NW 14th St Ankeny IA 50023.

Please note reason for payment.

Name: _____

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CIRCLE MEMBERSHIP CATEGORY(S):

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STUDENT

FAMILY

NEWSLETTER