



## PARTICULARS

AMA Charter 331

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**AMA CONTEST DIRECTORS:** Bob Wilson, Jim Hogan, Jim Fassino

### Flying Field Location

The flying field is located off Old Galena Road, ½ mile north of the Caterpillar Technical Center on the west side of the road.

**GPS Location: N40 51.844' W89 33.788'**

### Flying Hours

Flying hours are 8am until dusk, Monday thru Friday, Saturday and Sunday.

### Membership

Club dues are \$100/year. All members and flyers must belong to the Academy of Model Aeronautics (AMA). A \$200 new field assessment will be initiated for all new club members in 2010. This assessment can be made in one payment or two, \$100 payments over two years.

### General

We are committed to having fun and the safe operation of model aircraft. The Peoria RC Modelers is an equal opportunity, not-for-profit organization and welcomes all new members.

### Flight Instruction

The Peoria RC Modelers offers flight instruction as a free service to members. However, flight students are urged to supply their own aircraft, radio and support equipment. Students should also coordinate training schedules with the instructor. A club trainer aircraft is available for special situations. Questions pertaining to flight instruction can be directed at any of the officers listed above.

## PHOTO OF THE MONTH



Photo by Wilson

Our senior member Glen Howard is always exciting to watch. Here he hovers one of his many self designed airplanes. There are so many, that we simply call them "Glenners". A great flier, a great modeler and a great guy.

## FROM THE VP

Jim Hogan

### 2010 Reflections

October has been the best flying we have seen all season. Temperatures have been well above normal and the winds, although cross winds, have been light and mild. I remember two years ago we were flying at the field on November 1st. Last year we flew on November 7 and with any luck, we'll push the envelop again this year. We've seen a rash of gasoline powered airplane late this year including 50 and 30 cc gas, radial engines and twin glow engines. It seems to me the trend toward larger airplanes continues at our club.

2011 should be an exciting year. Bob Wilson is introducing his plan to incorporate a "Red Bull" style event which should draw interest in the high performance airplanes such as Yaks, Extras, Edges and Sukois. With the lose of the 4-Star 40 racing series, I think it is a good idea to pursue a form of flying many of us would enjoy in an organized manner.

We have also had discussions about building WW 1 style airplanes over the winter. Several members have talked about the airplanes they like, but so far no real commitments. Steve Blessin has talked about an early "Taube" which first flew in 1911. Bob Wilson is considering a Folkker D-8 "parasol" wing German Fighter. Jim Fassino has talked about a Sopwith Pub or maybe an Se-5. Roger Stegall has talked about a Spad, or a Sopwith Camel, maybe a D-7 or an Albatross. Greg Pringle wants to

fly everything.

At the Pekin big bird meet this year, there were a half dozen WWI war birds flying. They are slow and realistic in the air. If you are looking from an airplane that flies like man was supposed to fly, consider joining the "dawn patrol."

"See you in the lawn chairs".  
Jim Hogan

**And...Here is another great article by  
the Vice President**

## Worth the Trip

At the Pekin "Big Bird" meet, I met some members from the Streator Club. They told me the largest hobby shop in Central Illinois was in Leonore, about 12 miles north of Streator. Well, I had to check this out. How can a town of 110 people and no gas stations have a large RC hobby shop?

When I came into Leonore, I missed it and had to turn around and head back into town. There I found Dynamic Balsa and Hobby, one of only two businesses in town. When I walked in, I about fell over. Hanging from the ceiling were 8 ready to fly airplanes for sale. I found the store full of RC equipment including about every Dubro part make, three different brands of head shrink covering, engines, radios, radio equipment, kits and ARF's in the box. The owner is Brian, and he could tell this was my first time in his store. He asked to show me around, and I followed him into his back room. There I found 20 or so additional airplanes for sale, most with engines and servos installed. He likes to trade and help people move up in the hobby. As a result, he is contently changing inventory.

Brian is also about to begin manufacturing fiberglass ducted fan jets. I found pre-production F-16's and Mig 23's. He also had a seven foot long F-15 which he is not sure he is going to kit. The detail was fantastic. Brian also owns a 50 year old metal fabrication company so I'm sure he can handle making jet kits. Above his store on the second floor where hundreds of Styrofoam wings enough to make up a semi-truck load. Brian bought the old Wings Mfg. Company of Galesburg. Oh, by the way, I found six more airplanes for sale up there.

I spent about an hour going through his store. His inventory is new and current but he also has some treasures back in the corner. I also found many park flyer models from Hobbico and Horizon. In addition, Brian has RC trucks, plastic kits and rockets. However, 80% of his stuff is RC air. While walking around, customers came in and I learned the store has a following from Chicago and Milwaukee as well from the local RC clubs. Brian spent time with every customer including a fellow who found a trainer and wants to fly. He helped him with all the parts he needed and explained how to install them.

There is a flying field in the park right across the street used to fly electrics, but the most interesting feature of the hobby shop is the paved north/south, east/west runways right in front of the store. There is so little traffic, the streets of Leonore act as an R/C airport.

After buying some things I can't find locally, I went across the street to Smitty's Bar and Grill, the other business in town. The bar tender told me there are lots of people who come to Leonore to visit Dynamic Balsa and make a day of it including a sandwich and a beer in Smitty's. There is no grocery store in town, but Smitty has bread, eggs and milk if you need it.

As winter comes on, this would be a great Saturday trip with a van load of PRCM members going to Leonore.

Jim Hogan

# RED BULL RACING AT PEORIA R/C MODELERS



As promised in last month's newsletter I'm putting together some basic rules for PRCM's R/C version of the Red Bull Racing series. Like the real thing, this will be a marriage of pylon and pattern flying. It will be a timed event, and it will be judged.

Obviously I don't have all the particulars completed yet. During one of the upcoming club meetings I plan to form a "race" committee to further refine the rules. Here is a rundown of what the racing will entail.

[This is a single airplane timed event.](#)

Pylons will be stationed at each end of the field 500 feet apart and there will be a center line start/finish line.

1. Flying start. Clock starts as airplane passes the center start/finish line.
2. Pilot must pass the plane of the pylons and perform the required turn around maneuvers.
3. Pilot must perform required center field maneuvers.
4. Clock stops after pilot completes the final (downwind) turn-around maneuver and crosses the start/finish line.

Scoring will be a compilation of time and maneuver scoring.

For now there will only be one sequence but we could expand to several sequences, each with a higher degree of difficulty for the more experienced fliers

Here is a preliminary race sequence.

Flying Start  
½ Reverse Cuban Eight (Turnaround)  
1 roll (Center field)  
Humpty Bump w/ 1 roll on the upline (Turnaround)  
1 loop (Center field)  
½ Cuban Eight (Turnaround)  
Cobra no rolls (Center field)  
Immelmann Turn (Turnaround)  
1 snap roll (Center field)  
Split-S (Turnaround)  
Full Reverse Cuban Eight (Center Field)  
Stall Turn, no rolls (Turnaround)  
Flying Finish

As I said, this is still in the planning stages and the race sequence will undoubtedly be modified.

I am looking at starting club competition next spring.

Stay tuned.  
Bob Wilson

# PETRO-MAT

## AT THE LAST CLUB MEETING

After a “spirited debate” the membership voted to install a small section of Petro-Mat at an unobtrusive section of the field and see how it holds up.



## FIELD NEWS

PRCM EDITOR

During the last few weeks several members have been very busy installing some great new additions to our shelter. Our thanks to Jim Fassino, Joe Lang, Scott Ferguson and Bryan Chumbley for the great work on the Generator Cabinet and the Charging Table. This is all wired up with weather proof, ground fault receptacles. In addition, we now have a weather station complete with anemometer, wind direction, temperature, barometer and humidity read outs. Also, John Hoelscher and Steve Blesin repainted the shelter and new structures with the club colors...”Intellectual Gray”. How fitting!

Great Job Guys!



Here is the generator cabinet under construction.



The new charging table.



The new weather station attached to the shelter.



Bryan Chumbley hard at work tiling the charging table.





Photo by Wilson

Tom Maxam visited the field and brought another radial for our inspection.

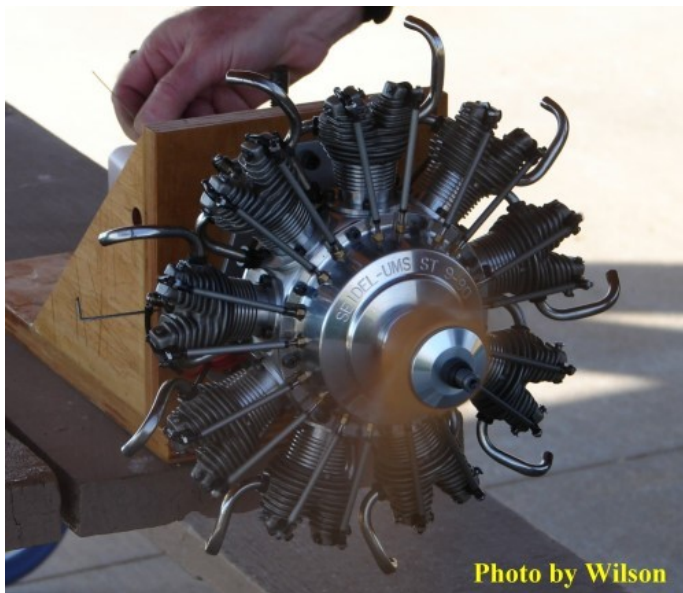


Photo by Wilson

Here's a close up of Tom's beautiful 9 cylinder Seidel. When asked, Tom says he plans on putting it in a 1920's era racer.

# PATTERN FLYING



Bob Wilson, Newsletter Editor & Pattern Reporter

It's official, the new 2011 sequences have been voted on and are now in place. I don't believe the Sportsman sequence has changed at all, but the Intermediate has added a lot of neat stuff. I've flown it a number of times and like it better than the old sequence. New maneuvers are highlighted in red.

1. Takeoff
2. Reverse Cuban eight w/ 1/2 rolls (Upwind) [Note: this is full Cuban Eight done at center field]
3. Stall turn w/ full roll up.
4. 2 continuous rolls (Downwind)
5. 1/2 square loop exit inverted
6. Square loop from top exit inverted(U)
7. Half loop from top exit upright
8. 2 Half rolls reversed (D)
9. Humpty Bump w/ options
10. Triangle loop (U)
11. 1/2 Reverse Cuban
12. Double I w/ 1/2 rolls (D)
13. Top Hat 1/4 up, 1/4 down [Ouch]
14. Square Loop on Corner (U)
15. 1/2 Reverse Sharky
16. Cobra w/ 1/2 rolls (D)
17. Humpty pull, push, pull w/ 1/2 roll up
18. Stall turn w/ 1/4 roll up & down (U)
19. Landing

## FOR SALE

**2 METER ICEPOINT PATTERN AIRPLANE  
\$150.00**

No engine, no servos, no batteries, no tuned pipe, no voltage regulator...just the airplane.

Bob Wilson (309) 219-4262



# DEAR AMELIA

These are real questions from real members about RC pilot concerns. Amelia Airhead will answer all questions and give unique insights from an area of the brain little explored. Address questions for Amelia directly to the editor. Amelia Airhead is the pen name of Roger "Pod Man" Stegall.



**We must never forget the main interest of this club...airplanes! This photo is interesting because, other than the pink color, I can't quite seem to identify the airplane.**

**Dear Amelia,**

You know how sometimes you hear a tune on the radio and then you can't seem to get it out of your head? That happened to me. I was continually humming "Lucy in the sky with diamonds," when all of a sudden a red Luscombe appeared over our flying field and dropped a roll of toilet paper. "Luscombe in the sky with TP" just doesn't have the same ring to it. As those white sheets of paper unfurled, I couldn't help but think that Mr. Whipple would be rolling over in his grave if he knew his double-ply was being used as a tracer-round from a plane whose motor was salvaged from a washing machine. I would like to know if there is a VFR protocol for the dispersion of potty-wipe from cloud base.

**Sincerely,  
Citizen for the ethical treatment of Butt Paper**

**Dear Butt Head,**

I have gone through all manner of IFR and VFR flight rules and I have been unable to find any protocols for the application of white streamers to corn fields. The Luscombe pilot you referenced probably keeps a good supply of those tissues in his airplane so he can clean himself up after one of his more questionable landings. Then again, it's possible the expulsion of paper from his elevated throne was some kind of political statement concerning the quality of flying he has observed at your field. If you really want to get a song out of your head, you need to visit the Tilted Kilt. That collection of broads, boobs, butts and belly buttons will soon be changing your tune to Daaaaaaahhhhh.

**Sincerely,  
Amelia Airhead – I was tilting my kilt way before there was a restaurant.**

**Dear Amelia,**

I have a friend who recently purchased a new OS 1.60FX for his Ultimate Biplane. After fueling his plane and attaching the glow driver, my friend proceeded to Bitch-Slap his propeller as if the thing had just insulted his manhood. Normally, I don't care how a guy strokes his crank to get his motor running but I'm concerned this form of displaced aggression may spill over to other activities. We all have bad days, aches and pains but internal feelings of hostility should not be manifest in the form of deviant aggressive behaviors to APC propellers. The last thing we want is to have

a visiting group of Boy Scouts at our field learn that to "Be Prepared" they need to be prepared to Bitch-Slap anything that doesn't give them immediate satisfaction.

**Sincerely,  
Concerned citizen for the ethical treatment of propellers**

**Dear Mr. Prop Protector,**

Your friend who exuded all that testosterone in his starting attempts was probably suffering from an overload of chocolate chip cookies without a sufficient quantity of cold milk. It only takes a simple stressor event like that to cause a pilot to throw his plane off the starting bench or to "spank" his propeller as if it were attempting to steal his life-long collection of naval lint. When you see a member begin to show early signs of "reality shutdown," you need to remind that member that it took Thomas Edison more than 300 attempts to touch the tip of his nose with his tongue. Every worthwhile endeavor of mankind has been built from the ruins of failure. From my perspective, most of the members of your club are now eminently poised for success -- if only they can get their engines started.

**Sincerely**

**Amelia Airhead - I can get your motor started quicker than a cupcake disappears at a pot party**

**Dear Amelia,**

I was innocently sitting under the shelter watching the flying this Saturday. Roger S. was in the process of putting his airplane through its paces when I heard one of the other pilot's mention, "I'd like to see Roger in the buff"!

Now that I'm older, my hearing isn't what it used to be, but I think I heard this correctly, especially when the rest of the pilots reacted with comments like, "Oh, gross" or "I think I'm going to be sick".

I'll not mention the identity of the pilot who made the comment other than to say he's Irish and wears a goofy hat. My question is this. Should we be concerned that there may be a sexual predator at the field or just understand that this retiree is slowly lapsing into senility?

**Signed,  
Pilot seeking a "buff-free" zone**

**Dear "Buffy"**

The thought of having some of your flying club members practice their intricate maneuvers wearing only a smile, is a bit disturbing. Nude flying would create the problem of deciding on which body part to attach the frequency clip. I cringe when I think of the most obvious place. Engine starting procedures would also need to be amended to prevent embarrassing visits to the Emergency Room. Usually, when a person makes a suggestion concerning what they might like to see, it often is a reflection of what they personally might like to do.

I don't think you have to worry so much about having a "closet" pervert among your group as you need to worry that this retired guy might show up some day at your flying field wearing only his goofy hat and wrinkled birthday suit.

If your club votes to allow flying "al-natural," you are going to need a lot more of those sun dots to block the view of those who do not wish to get "mooned" before dark.

**Sincerely  
Amelia Airhead**



**Don't be a Luddite!**

**Sign up for PRCM FaceBook today!**



<http://www.facebook.com/pages/Peoria-RC-Modelers/151007523059>

**Be a PRCM Bagel-Biter**

Join the retired, laid off, laid up, lame, unemployed or unmotivated PRCM crew at Paneras on Knoxville every Thursday morning at 7:00 AM.



Have a cup of Joe and a bagel, check out the chicks and listen to all the world's problems being solved.

If you're not there, we're going to talk about you!

## November 2010

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31 Halloween	1	2 Election Day	3	4 Bagel Bitters 7:00 AM	5 Say no to Glow! 8Pm	6 Liars & Fliers 7:00AM
7 Daylight Saving Time Ends	8	9	10	11 Veteran's Day Bagel Bitters 7:00 AM	12 Say no to Glow! 8Pm	13 Liars & Fliers 7:00AM
14	15	16	17	18 Bagel Bitters 7:00 AM	19 Say no to Glow! 8Pm	20 Liars & Fliers 7:00AM
21	22	23	24	25 Thanksgiving	26 Say no to Glow! 8Pm	27 Liars & Fliers 7:00AM
28	29	30	1	2	3	4

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**HAPPY  
THANKSGIVING!!**



