

Peoria R/C Modelers

AMA Chapter 313

www.peoriarcmodelers.com

January 2005

NEXT MEETING

**Tuesday, February 1st, 2005 7:00 p.m.
At Hobby Town**

Membership Dues

Time once again to think about membership dues. Please get your money to Sue Wilson as soon as possible. Remember that dues have increased to \$100 for renewals. New members will pay \$125 for the first year. And there is still a \$25 late penalty. **Remember to get these in before the end of March!**

Time Flies

Sorry that this newsletter is getting to you so late. Hopefully you'll forgive me, since my time has been consumed by this disease, I mean hobby. I've been busy in the basement building a Sig 4 Star 60 kit. I'm just about finished and plan to bring it to the February meeting. Hope to see you there.

Meeting Minutes

11 members were present.

Club financials: \$20.86 in checking; \$3,007.17 in savings.

Old Business:

The helicopter ban made at the previous meeting was rescinded.

New Business:

A designated helicopter hovering area will be established south of the shelter (in the current turnaround area). A new orange fence will be put in this spring to mark this area.

Sig 4 Star 40 Racing

Here's the low-down!

Objective

This will be fun racing. The airplane and power plant have been chosen to slow the event down as much as possible. Competing in this program will improve the flying skills of all who participate.

Equipment

Airplane

To compete, you must fly the SIG Four Star 40 (either kit or ARF) with no modifications or additions other than: The engine center-line can be dropped ¼" for better fuel flow in the turns. Each airplane must have a pilot figure in the cockpit.

Wheels

Standard 2.75" wheels (as specified in the plans) must be used. These can be rubber, plastic or foam. No speed wheels (hub and O-ring) are allowed. Wheel pants are NOT allowed.

Power

Only the OS LA 40 with the stock muffler can be used for power. No muffler or engine modifications are allowed. The engine must be installed (upright) as per the plans.

Prop

Only the APC 10 X 6 propeller can be used. No modifications can be made to this prop other than balancing.

Spinner

Each airplane must have a 2" spinner. Either plastic or aluminum is allowed.

Fuel

During competition, the club will supply fuel. Fuel will contain 10% nitro-methane.

Race Course

Pylons

There are two pylons 500 feet apart located at each end of the field and out 100' from the pilot line.

Start/Finish

The Start/Finish line will be a perpendicular line drawn across the center point of the field.

Safety

On official race days, all aircraft will be checked, by the Safety Officer, for air-worthiness, rules adherence and sound output. Absolutely no flying behind the pilot line. Only pilots, callers, counters and judges are allowed on the flight line during competition.

Race Rules

Competitors

There must be at least two competitors for an official race. No more than four competitors will race per heat.

Start

Competitors will place their airplanes behind the "Start" line and wait for the starting judge to signal the start before taking off. There will be no assisted take-offs. Pole positions will be decided by a coin flip or drawing straws.

Laps

A complete race will consist of 10 laps counted from the Start/Finish line.

Judges

There will be one judge at the race center-line. The judge can designate lap counters if necessary. There will be a pylon judge at each pylon to record pylon cuts.

Race Scoring

Scoring will be as follows:

- Competitive take off...+ 5 points (not subject to cut or safety penalty)
- +2 points a lap (possible 20)
- +10 points to the winner
- -10 points for cuts

Contestant cannot receive less than 5 race points.

Flying over the pilot line is automatic disqualification. Pilot will only receive 5 point competitive take off points.

Example 1: A winning run with no cuts would receive 35 points. The competitor (with no cuts) would receive 25 points.

Example 2: A winning run with 1 cut would receive 25 points. The competitor (with no cuts) would receive 25 points.

Example 3: A winning run with 3 cuts would receive 5 points. The competitor (with no cuts) would receive 25 points.

Example 4: A winning run with 2 cuts would receive 15 points. The competitor crashed after completing 2 laps (with no cuts) will receive 9 points.

Example 5: A winning run with no cuts will receive 35 points. The competitor, after completing 8 laps with no cuts, disqualified by crossing the pilot's line and will receive only the 5 points for a competitive start.

Club Race Program

Club racing will occur every Saturday at 4pm. Three race judges must be in attendance (1 line judge and two pylon judges).

To qualify for end of year prizes competitors must fly a minimum of 10 races.

At the October meeting, the race scores will be totaled and trophies/prizes will be given to the 3 highest scores.

Final scores will be calculated by figuring the average score per race, multiplying by 10, and awarding 5 points for every 10 races completed.

Example: Wes competed in 30 races and accumulated a total of 718 points.
 $718/30 = 23.9 \times 10 = 239$ points + 15 bonus = 254 points

Bob competed in 11 races and accumulated 285 points.
 $285/11 = 25.9 \times 10 = 259$ points + 5 bonus = 264 points.

Bob beats Wes (that's no surprise).

[Note: the mathematics are necessary so that all racers that have completed at least 10 races will have an equal chance at winning...also, the 5 points awarded for each 10 races completed is to motivate club members to fly more].

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The Peoria R/C Modelers is an Academy of Model Aeronautics sanctioned radio control model flyers club. Our flying area is located west of Chillicothe on Truitt Road, approximately 1 mile west of Route 29. We fly almost every evening throughout the summer weather permitting. In addition, we conduct several annual events. Visitors are welcome any time we are flying. Academy of Model Aeronautics membership is required to fly at the club site. To become a club member, please contact any of our officers. To become an AMA member, visit the AMA web site www.modelaircraft.org or you may

Peoria R/C Modelers Officers

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Flight Trainer & Safety Officer

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Web Site & Yahoogroups Sign Up Address

<http://www.peoriarcmodelers.com/>
peoriarcmodelers-subscribe@yahogroups.com

Meetings First Tuesday Monthly

May-September 6:00 p.m. at Flying Site/Club grounds (If rain McDonald's Chillicothe)

October-April 7:00 p.m. Hobbytown @ Shoppes at Grand Prairie

Field Location: W 89 30.608 N40 55.128 Elevation 531

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Frequency Choice 1 _____ 2 _____ 3 _____ Electronic Newsletter Yes No