

The official newsletter of the Rochester AeroModeling Society

# *The RAMS HORN*

Dedicated to the safe pursuit and advancement of model aviation.

September 1997, Volume 15, Issue 9

*Time & Date of this month's meeting:*

Thursday, September 25, 1997

MEETING: 7:00 P.M.

PROGRAM: **Model Engines and Vibration  
Mounts**

## Table of Contents

- [Program](#)
  - [President's Message](#)
  - [Rams August Business Meeting Minutes](#)
  - [September Board of Director's Meeting](#)
  - [1997 Fordham Funfly Report](#)
  - [Preowned Model Airplane Final Article](#)
  - [Hobby Shop News](#)
-

# September 25<sup>th</sup> Program – Model Engines and Vibration Mounts

This month, we will have a WIDE variety of internal combustion engines on display such as the Norvel, Zenoah, Berger, Saito (inc. Twins), 3W, and more. We will also have examples of electric, CO2, diesel and more. If you have an unusual engine or an engine problem, bring it to the meeting.

A brief discussion of four stroke engine rebuilding will be given, comparing the differences between four stroke and two stroke engines.

Some information about end of the season (is there such a thing??) engine care and cold weather starting will also be discussed.

Our main *thrust* will be examples of vibration mounts and isolation techniques. A couple of the prop balancers will be at the meeting also.

[Back to Top](#)

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## PRESIDENT'S MESSAGE

Jim Prindle

It's hard to believe how fast the year is going. Fall is upon us. I missed the **RAMS** Fordham Field Fun Fly due to family commitments, one being transporting my daughter to college. The reports I have heard indicate the funfly was another successful event. There was a good RAMS turnout, and although the crowd was small, those that attended were very interested in the activity. Some money was made for the club and the Ronald McDonald house. Maybe, some new club members were found. Good job Len and team.

Election of officers will be coming up soon. Ask around, see who would like to be a club officer or volunteer yourself. Being a club officer is not a hard job, but one that takes a little dedication.

Students needing assistance should take it upon themselves to contact an instructor. Instructors are listed in a handout available at every meeting and at both flying fields. Do not expect people to be hanging around the flying field waiting for someone to show up. Most instructors like to get to know a student and follow them

through the learning process. On the other hand, if someone needs help, hardly anyone will turn them down.

Good flying,

*Jim*

[Back to Top](#)

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## **RAMS** Regular Business Meeting

**August 28, 1997**

The August regular meeting of **RAMS** was called to order by President **Jim Prindle** at 7:13 P.M. Jim introduced the Club Officers and welcomed everyone to the meeting.

Visitors were **Dennis Eckworth, Adam Kreiss, Roger Kreiss, Chris Joyce, Roger Crisson, Carl Tuesisker, and his son, and Todd Sheehan** of RCCR -- our speaker on Pattern Competition.

The minutes were approved as published.

The 50 /50 raffle was won by **Carl Van Voorhis** and donated to the Club.

**Bud Seaberg's** Treasurer's report indicates that through July, we are comfortably on budget.

**Bob O' Neil** reports that we now have 118 Senior members and 17 Junior members.

**Bob Nilsen** reports that the Macedon runway is in beautiful condition.

**Ken Scott** reported on a situation in which a throttle went wide open on the ground when the transmitter battery failed (not a RAMS member). He, also mentioned a recent safety advisory on plastic and metal prop spinners breaking during starting. Do not spin up your starter and then push it into the spinner because the load may be too great for the spinner. The starter should be held against the spinner, then

spun up. If the starter fails to spin the engine, the size and quality of the wiring and battery should be checked and corrected.

**Jack Hayward** passed out the recommendations for our next Open House as proposed by this year's coordinators. There was considerable discussion and the report was very well received

**Len Kmiecik, Jr.** reports that the August Fun Fly plans are going along fine. He reviewed the flying rules and the pits location.

**Ron Swift** reports that posters are available for our Annual Auction -- also plenty of Newsletters are available for the Fun Fly.

The Coffee Host Award was won by **Bill Jolliff**

**Bill McKee** presented the Meeting Site Committee report. They investigated four alternative sites : Two school districts, the Knights of Columbus in Webster, and the Genesee Conservation League in Penfield. Based on the facilities available and a reduction in cost to \$ 300.00 per year, the Committee recommended the Genesee Conservation League site. A motion was made and seconded to change our meeting site to GCL. After much discussion, the motion was amended to make the change unless the present meeting site rental can be reduced to \$ 500.00 annually. This motion was passed.

The Macedon Field Development Committee report was presented by **Jim McCarty**. The highest priority was given to extension of the East - West runway.

Old Business: None

New Business: **Jim McCarty** introduced a proposal for an East - West runway extension sponsored by Bob Nilsen and Rick Matteson. They have a plan and a contractor to extend the runway by 100 feet. The cost of the basic construction is to be paid by donations which have already been received. The Club would need to do the rock hounding, seeding, and mowing. A motion was made and seconded to accept this donation. After discussion, the motion was carried by a large majority.

Announcements: Len reported that Greg Cardillo's wife had a baby girl.

The meeting was adjourned at 8: 45 P. M. and followed by Show and Tell and the Program.

Show and Tell: **Jim McCarty** showed his Hornet, 2 channel, semi pylon racer, with OS I power. Jim reports it is very fast **Don Geldof** showed his Sig Astro Hog

converted to a Fly Baby. Enya 80 four stroke power. Covered in Coverite.

Program: **Todd Sheehan** of RCCR presented a program on the ins and outs of pattern flying competition. He covered the topic very thoroughly and encouraged us to take an interest and try it for ourselves.

Respectfully submitted, **RAMS** Secretary Carl Van Voorhis

[Back to Top](#)

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## **RAMS** - Board Of Directors Meeting

**September 11, 1997**

Attending: **Bob O'Neil, Bud Seaberg, Ken Scott, Ron Swift, Jim Prindle, Len Kmiecik, Jr.**

Absent: **Ron Monroe, Carl Van Voorhis, Dave Ottney, and Bob Nilsen.**

The September **RAMS** Board of Directors Meeting was called to order at 7:15 P.M. at the home of Bob O'Neil.

**Len Kmiecik, Jr.** reported a safe Fordham Field Fun Fly. Final cost figures are not available. Estimated profit is \$250. Additional dollars were made for the Ronald McDonald House.

Motion was made and approved to recommend up to \$900 be spent to expand the current storage shed at the Macedon field. Size to be determined with Bob Nilsen's help. The additional space will protect items that are currently stored outside.

**Bob O'Neil** reported Membership as 135 members including 19 juniors and students. Bob would like a better way to make membership cards and will investigate other means. The first step being checking with **Kurt Hertzog** to see if he is still willing to make 1998 cards.

The Ontario Field rent bill has not been received. Jim to check with Mr. Burkwit

**Dan's Crafts and Things** sent thank you letters to those companies that contributed to the July Open House. Copies of those letters have been sent to our President, Jim.

**Bud Seaberg** presented the current financial figures. A proposed budget will be available at the next BOD meeting.

The Masonic Hall will be contacted regarding lease renewal for the meeting hall.

The BOD meeting was adjourned at 9:57 P.M.

Respectfully submitted, acting **RAMS** Secretary Jim Prindle

[Back to Top](#)

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## Fordham Field Fun Fly

by Len Kmiecik Jr.

Thank you to the following members who came out Friday, August 29 to prepare for the Fun Fly: ***Dick Simpson, Ron Swift, Sandy DuVall, Sonny Freed, John Young, Don Geldof, Ron Monroe, and George Hopkins.***

I also want to thank and recognize the following members and non-members for their help in making the Fun Fly the success that it was.

**Overall Coordinator:** Leonard Kmiecik, Jr.

**Power & PA System:** John Young and Ron Swift

**Publicity/Newsletters/Posters/Fliers/Handouts:** Leonard Kmiecik, Jr. & Ron Swift

**Impound/Holding Area:** Bob Herden, Lou Martellotta and John Young

**PA Announcers:** Bob O'Neil and Ron Swift

**Flight Line Coordinators:** Ron Monroe and John Petrilli

**Field Preparation:** Leonard Kmiecik, Jr. and Dave Ottney

**Jimmy on the Spot:** Jim Roth

**Supplies Procurement:** Sandy DuVall and Ron Swift

**Food Preparation:** Don Geldolf, Tom Lanze, Leonard Kmiecik, Sr., Leonard Kmiecik, Jr., Bob Mars, and George Hopkins

**50/50 Raffle, Door Prizes, Food Tickets:** Paul Georger, Sandy DuVall, and Ron Swift

**Parking Lot Attendants:** Jim Orbanek, Jim Roth, and Sonny Freed

**Safety Coordinators:** Ken Scott and Dave Ottney

**Photography:** Charles Foster

**Student Pilot/ Ronald McDonald Donation Program:** Jack Hayward and Ron Swift

From comments that were made from the spectators and flyers, everyone had a good time. Some commented that they had lived in the area for years and didn't know we had a flying field located in Ontario. Also, that the flying site was in great shape.

We helped some of our visitors by inspecting the airplanes they brought to the field. We had 13 students fly with Ron & Jack in the Ronald McDonald House Donation Program. Two visitors seemed interested in our Pilot Training program and possibly becoming RAMS members.

We did have a safe event, but lost two airplanes during the two day event. Thank you to all of you who came out to the event and helped by flying. I'm sure I'd miss a few of the flyers if I tried to name them all.

Even though it was Labor Day Weekend and there were several other events going on in our area, we had pretty good participation.

The event made at least \$250.00 for the RAMS and another \$47.00 was donated to Ronald McDonald House.

[Back to Top](#)

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This is the final installment on the series of articles covering Pre Owned Model Airplanes. The main theme covered how to judge a potential purchase and what to do with the model once you own it. As always, if you aren't sure about any aspect purchasing, building or flying a model, check with someone who has more experience.

As mentioned last month, we will discuss some concepts about the final checkout, preflight preparation, and initial flight of our finished model. These checks should be performed on all newly constructed/resurrected models. Many modelers have a checkout procedure written down that they follow each and every time they prepare for a day of flying. Having a routine prevents a lot of common mistakes from occurring.

### **Final checkout:** (To be done at home)

- Verify control surface throw direction and travel limits
- Verify dual rate setup (if any)
- Range check radio system
- Break in engine
- Verify that throttle trim shuts engine off
- Verify kill switch on ignition engines
- Recheck radio system range while engine is running
- Check for control surface freedom of movement
- Check that wheels spin freely and are toed in not out
- Check all servos for horn screws
- Check that all clevises have keepers installed
- Check that all threaded couplings are CA glued or have stop nuts
- Check that owner ID is in or on the model
- Retighten all hardware
- Check for fuel proofing on all external exposed balsa surfaces
- Check for transmitter frequency ID's (flag & channel)
- Recheck CG and lateral balance with no fuel
- Recharge batteries

### **Preflight preparation:**

- Verify battery charge
- Get someone to help
- Fuel up the model
- Get the frequency pin
- Range check the radio
- Recheck direction of the control throws
- Check the radio transmitter trim tabs
- Check the transmitter rate switch positions (if any)

- Review the flight plan (take off, trim, check high and slow speed performance, practice landing approaches, and be ever ready to land due to a dead stick or trim problem).

## **Initial flight:**

- Get the frequency pin
- Move the plane and support equipment to the pad
- Turn on the transmitter, then the receiver
  
- Start and tune the engine(s)
- Check for control surface flutter
- Check ground handling
- Check wind direction
- Take off into the wind
- Trim plane
- Practice slow and high speed flight
- Practice landing approaches
- Land and correct any problems
- Plan to retighten all hardware
- Put a smile of accomplishment on your face!



[Back to Top](#)

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# Hobby Shop News

By Tom McCoy

Welcome to this month's update of HSN. Well, we got some great new products this month, so let's get into them.

First (and I think most important) is Top Flite's new 1/5 scale P51D (just after I bought my Byron kit). It is a Gold Scale kit using balsa and ply construction, 84-inch wing span, 17-19 lbs., 4.2 CI gas engine recommended, and is IMAA legal. It is a great looking kit.

Next is an ARF from Hobbico, the Twinstar. It is an all wood ARF twin .20-.40 engine, 56-inch wing span.

Quadrotech has a laser 200 ARF in a ¼ scale kit, 72-inch wing span, .90- 1.08 engine, fiberglass fuselage, and foam core wing.

Top Flite has updated the F4U Corsair kit with some easier building techniques and easier to read instructions.

Dynaflite has a new Super Cub 104-inch wing span, for 25-35cc gas engine.

House of Balsa has two new 1/12 standoff scale kits, a Chipmunk and a Beech Bonanza. Both are 36-inch wing span, .049 - .061 glow engine.

Northwest Tool has 2 1/12 scale combat planes – the Hawker Hurricane and Kawasaki KI-61, 32-1/2 inch wing span and 29-inch respectively

Top Flite has a new flat finish monocote in Sky Blue, Insignia Blue, Black, Olive Drab, Dove Grey, Cream and Tan. Great stuff for the warbirds. 'Til next time.

Tom

[Back to Top](#)

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