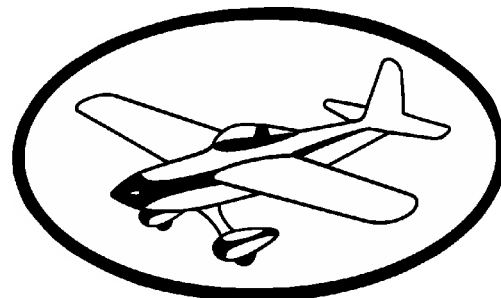


March 11th the ARCS officers elections will take place

WRAM Show

Once again the WRAM (Westchester Radio Aero Model) Show was held in White Plains NY on February 25th - 27th. The show was as big as ever, with companies like Bob Violet Models, Sig Mfg., Midwest, Lanier, Florio Flyer, Futaba, Ace R/C, Airtronics, Coverite, Yellow Aircraft, Tru Turn, AMA, SFA, Byron Originals and to many to list. 1994 is the year for battery management systems, there was a tremendous selection to choose from. Systems

(Continued on page 2)



Aero Radio Club of Syracuse

*Official publication of the Aero radio
Club of
Syracuse
MARCH 94 edition*

March 11th Meeting at Walt's Hobby 7:00 PM

News Flash

From: Futaba Corp. of America

Futaba Corp. of America is pleased to announce that Futaba Corp. of Japan acquired Ogawa Seiki K.K. (manufacturer of O.S. engines & steam engine locomotives) by purchasing 100% of their stock on Dec. 13 1993.

Ogawa Seiki was established in 1941 and has revenue of approximately \$30 million per year. The number of employees is about 150. It has been a dominant factor in the manufacturing of radio control model engines.

The acquisition was a friendly buyout requested

(Continued on page 3)

**Attention All
PCM radio
owners.....
The proper
definition of
PCM is
"Positive
Crash Mode"**

WRAM Show (Continued from page 1)

offered from companies you never even heard of. That's not a bad concept. but, it can get very confusing for the average buyer. This was the first year I have seen the latest in battery technology, it's called the NMH (Nickel Metal Hydride) battery. This new battery does not suffer from the normal drawbacks of Ni-Cad (Nickel Cadmium) such as the "memory" problem inherent of Ni-Cads. The only drawback to NMH batteries is they require a special charger not easily purchased, and they are a little pricey.

As we passed by the McDaniels booth (makers of the famous Ni-Starter) we noticed they were still in business! (you may recall the the September issue newsletter, McDaniels lost a \$400,000 law suit from Model Products Co. from a patent infringement against their "Head Lock" design). As Dave Mathewson and myself were talking with Mr. Ni-Starter himself (McDaniels of course) I had to interject!. So, I asked what the outcome was, and he told us "Model Products Co. was awarded \$400,000". The difficulty in that statement was McDaniels said his insurance company picked up the tab!. The only cost incurred to McDaniels was the attorneys fees, in which almost put him out of business. Its fortunate for us McDaniels is still around as they have many unique items not found anywhere.

As always, Jeff Troy from Coverite put on an impressive display of his famous iron on covering job. At any given time there would be as many as 50 people watching Jeff at work (although 50 is not many, but try squeezing 50 people in a 50 square feet booth).

Byron Originals had two new planes on display, a .60 size extra 300 for \$360 and a Gee Bee racer due out in June (the Gee Bee appears to be a .90 size at least). The Gee Bee was a gorgeous looking airplane to say the least, I would expect the plane to be priced somewhere between \$300 - \$3000, give or take a little. Yellow aircraft had a new F-18 single engine ducted fan jet on display, they expect availability sometime in June of

this year. If your not familiar with Yellows kits, they are one of the best in the business for quality of workmanship and attention to detail. Price for the F-18 is \$445 plus engine, fan, pipe, retracts, paint and extras. Aerospace Composites had an interesting booth on display, they were giving demonstration of vacuum bagging foam core wings as opposed to conventional balsa or light ply sheeting of wing panels. They offered a start-up kit consisting of a vacuum pump, 9' vacuum bag, bag clips, absorbent pad and instruction manual for under \$70 for the complete setup.

Looking that little something extra to finish of that new ship?. I found the neatest booth that has just the right goodies. The company is Dry-Set Model Markings, they offer a wide array of dry transfer markings for your project. They offer everything from "Stars to Stripes", panel lines, rivets, screws, scale markings and the list goes on and on. You simply place the decal into place, rub it on and go, simply add a little heat from your iron on the marking and presto! a permanent and fuel proof scale marking, SLICK! (needless to say, I had to buy some).



The static display had a rather light turnout as compared to last years show, very similar to the symposium this year. One model in particular was outstanding (I saw this model at Top Gun 93) it is a Beachcraft "Starship" 2000a. In case your not familiar with the Starship, it is a twin engine (pusher style) rear wing, forward canard control surface. The impressive portions of this model are it weighs 43 lbs. and is powered by a pair of Super Tiger 2500's. The plane is painted just like it's big brother, beige with brown trim and all the scale markings. I believe the model was designed and built by two guys in PA (Allentown I believe). The project took over two years to complete!. I can't say for sure the plane has flown or will, but, the wipers work.

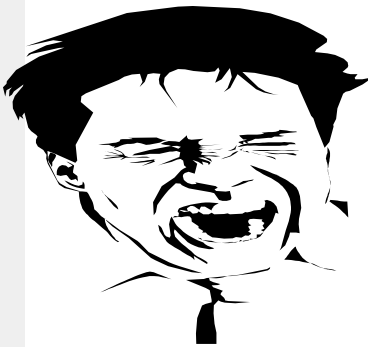
Another new (or better yet improved) item is the Dave Brown (yep that's right, Dave Brown) flight simulator. The new simulator, version 4.0 is a vast

(Continued on page 3)

WRAM Show (Continued from page 2)

improvement over version 3.3 with better graphics capabilities, reference points such as depth and height, a shadowing effect and improved sound. If you want to stay polished over the winter season and have a computer, you can own the complete package for around \$110.

The package also includes the transmitter which attaches to the game port of your PC. One item that falls into the "I gotta have" category is a hand held flight recorder. This thing is trick, the unit attaches to the fuselage of your plane via cable to a port mounted externally, you simply plug the cable to the port on the plane and go. The unit measures exhaust gas temperature, RPM's, decibel levels, monitors receiver battery voltage, drives the glow plug, displays pattern maneuvers on the LCD display and few more items, but, I can't recall them all. The device sells for \$189 which includes a glow driver plug, tachometer pick-up, exhaust gas probe. You attach one to your plane and purchase additional flight packs for subsequent planes, each flight pack sells in the neighborhood of \$12-20, depending on what you want in each pack.



Picture of the Month

Bill Volcko after getting the check for dinner at the WRAM Show this year.

Bill Volcko is still trying to figure out why it cost him 5 cents more for dinner at the WRAM Show than the cost of a Dodger kit.

Bill Volcko is still trying to figure out which is

News Flash (Continued from page 1)

by the stockholders of Ogawa Seiki. We took this opportunity to play a broader role in both the radio control equipment and engine manufacturing to help expand the hobby industry worldwide and expect to meet users demand and satisfaction out of the new products to be created by the combined technologies of radio control and engines in the future. We do not expect any immediate change in the operations of Ogawa Seiki

Futaba Corporation of America

4 Studebaker,
Irvine, CA 92718

A news flash clip from the March edition of R/C Report

Got any thoughts...
Comments...
Rebuttals...
Ideas...
Or otherwise ??????
Feel free to speak up, just because we publish the newsletter, doesn't mean we



**Say
What!!!**

As a reminder to all club members.. 1994 will mark a year when we adopt a noise limit on aircraft. The proposed noise limit will be 90 dB's at 9. So all you guys who just purchased that new "Tuned Pipe" or "Flow Thru" exhaust system might rethink it. Or else....

AMA Stuff

The AMA is announcing a search for the position of executive director. The AMA is located at 5115 east memorial Drive, Muncie, IN, 47302 with a staff of 50 and a \$7 million budget. AMA is an association of persons interested in model aircraft with a membership of 170,000. AMA is an autonomous Air Sport organization member of the National Aeronautic Association.

The Executive Director serves as Chief Operating Officer to oversee day to day administrative operations, membership development and services, finance and budget development, publication of monthly magazine, administrative of membership and employee insurance programs, conduct of national aeromodeling championships, chartering of association clubs and development of AMA's new national model flying site in Muncie.

A college degree, preferably in business of management is desirable. Applicant should have at least six to ten years senior level management experience, including experience in association management and the nonprofit sector. Excellent administrative, communication, leadership, public relation and membership development skills are required. Demonstrated skills in staff team building, fund raising, and problem solving are highly desirable. Aviation or Aeromodeling experience is preferred.

Send a cover letter and resume, including salary requirements to: Robert A. Strade. ASAE Executive Search, Attn.: AMA Search, 15751 I Street NW, Suite 1190, Washington, D.C. 20005

Wayne Aposttolico of Arlington, Texas has recently written a manual about correcting wind drift in crosswinds. Not surprisingly, he calls it "*Crosswind Flying*". Wayne's manual answers such questions as:

- ◆ Do you roll the wrong way in Cuban 8's?
- ◆ Do you apply rudder in stall turns?
- ◆ Do you know how to use elevator in point rolls to correct drift?
- ◆ Do you know to make "Stealth" corrections in competition to obtain maximum points?
- ◆ Do you know how to make "undetected" drift corrections in level flight?
- ◆ Do you know how to "pull" or "push" your model back on track?

For those of you not familiar with him, Wayne is always one of the top AMA class fliers at the nationals. Wayne builds very competitive, beautiful models with names of such rare stones as Topaz, Sapphire and Diamond. Wayne uses plain english to assist those aerobatic or sport fliers who want to become a safer and more proficient pilot. If your interested in a copy, send \$9.95 to:

Gemstone Publications
3508 Sheffield Court,
Arlington, Tx 76013

reprinted from Model Aviation, March 94 edition

Pattern Competition

A publication for the pattern oriented flier. To get K-Factor all you have to do is join the NSRCA, National Society of Radio Controlled Aerobatics. The issues come out monthly, the last one was 32 pages. All the articles and adds are pattern oriented. If you want to join send \$20 to the treasurer:

Suzi Frohreich
P.O. Box 41310
Phoenix, AZ 85080

Include name address etc., AMA number and class you fly if any. If you have any interest in pattern, it's excellent.

From ModelNet Sept.20 93'

ARCS CLUB OFFICERS

President

Mike Gosson - 488-6123

Vice President

Dave Mathewson- 487-5998

Secretary

Fritz Ceratt- 689-6329

Treasurer

Paul Fleig- 673-1566

Newsletter Editors



Pylon Racing

The Plot begins to unfold as the racing season approaches

Although not yet cast in stone, it appears the spec class holds promise for most everyone (except you Bill Volcko). Tentatively, we will have two classes to accommodate everyone. Virtually any plane will do, although a Quickie 500 is the first choice. If you decide to participate with any plane other than a Quickie 500 don't expect to win to many races. The club will follow the AMA guidelines for Quickie 500 airplanes, including, 500 square inch wing area, .40 size engine, minimum weight 3.5 pounds, 4 channel radio system. The classes will fall into two different categories, the "Schnuerle Ported Non-Ball Bearing Engine" i.e. O.S.FP-40 and the "Non Schnuerle Ported Ball Bearing Engine" i.e. K&B .40 (4011). This may appear a bit confusing for some, but, the reason for having two classes is to force anyone in the club from having to purchase a new engine. If anyone is considering racing this year and not exactly sure what path to take, just simply ask either myself (Mike Gosson) or Dave Mathewson.

Till next time....

**Aero Radio Club
of Syracuse**

**Application for
Membership**

Name - _____

Address - _____

City, St., Zip - _____

Telephone No. - _____ AMA No. - _____

Amount Paid - \$_____ Date Pd. - _____

Radio Frequency - _____

*- Annual dues are \$35.00 per year for Regular members, \$10.00 per year for Junior members , and \$15.00 per year for senior members (using AMA guidelines). In addition a \$5.00 initiation fee is charged for your first year. Applications and dues can be sent to : ARCS, c/o Paul Fleig, 4674 Falls Rd., Marcellus, NY 13108