

# ARCS NEWS

November 7, 2003



#### Club Officers:

President: Herb Ziegler  
638-2824  
Vice President: Tim Dudley  
673-2342  
Treasurer: Mike Schofield  
488-2120  
Secretary: Mike Amie  
468-1332  
Safety Officer: Dave Kennedy  
476-8128

#### Board of Directors:

Rocco Mangano  
Dave Mathewson  
Mike Gosson  
Phil Artese  
Mark DeFilippo

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## Club Meeting- Friday, Nov. 14, 2003 7 PM at Walt's

Topics needed: If you have a contribution to the newsletter, please send it to Herb. If you have a topic you would like to see covered at a meeting or if you would like to present something at a meeting, please contact Herb.

### President's Message:

Wow, it's November already. I guess it's time to prepare the airplanes for long term storage and possibly dust off the building board and attack a new project (or in my case, continue on an existing project). It is also a good time to get the skis ready for New Years Day. Here's what's going on:

- The Model Forum is taking shape. It will be on Jan. 31st, 2004 at the Ramada Inn. It will have the same continuous discussion format that has worked so well in the past. The next organizational meeting will be on Wed. Nov. 19th at 7:30 at the Ramada. If you are interested in helping, let me know.
- Walt's Secret Santa Sale is on the 22nd. This year's special guest will be a RealFlight expert. We will have a table set up like last year. I will be looking for volunteers to staff it.
- Dues for next year can be paid at any time. Avoid the late fees after Jan. 31st, pay now. Please submit a membership form (found on page 3) with your renewal. This is so we can keep our records up to date.
- While you are at it, send in your AMA renewal. You will need it to fly on New Years Day.
- The tractor will be removed from the field for winterizing and storage within the next week or so.

When storing your airplane this winter, why not do a thorough inspection and make a list of things that need attention. During the winter, you can pick off the items as time permits and have a fully rejuvenated airplane by springtime.

As the weather gets worse, please use discretion before driving down to the field. If the road is too wet, park at the top and walk down, do not leave a bunch of ruts and especially, do not drive on the runways. Thanks.

I hope to see you at the meeting Friday night.

**Herb.**

638-2824

herbz1957@yahoo.com

## Winter Airplane Storage

From the AMA Website

Since the snow will be flying very soon (if it hasn't already), many AMA members may not be flying for quite some time. For those who don't intend to fly on skis, the following suggestions may help to preserve your model over the winter months and allow you to get back in operation quickly when the snow disappears next season.

**Airplane:** Be sure to give the entire airplane a thorough cleaning to remove all traces of exhaust residue. Check the covering to be sure the fuel is not creeping under seams around the firewall and areas around the exhaust outlet, soaking the balsa. If so, make the repairs during the off season while you have some extra time. Check the fuselage and flying surfaces closely for cracks or other damage. Check the servo arms, control horns, clevises, pushrods and/or control cables for excessive wear or damage.

The plane can be stored indoors or outdoors in the garage; the constant cold temperatures can be tough on batteries but otherwise don't seem to cause any problems. The only problem that could occur would be if you stored it in, for example, a workshop that is heated occasionally and then allowed to cool down after use. This could result in damage to the engine due to condensation and probably the balsa or covering material due to temperature changes.

If you store the plane on a wall, it should not be supported on the nose as this could damage the engine bearings. Support it by the tail structure or similar means. If the wing is removed, do not stand it on end. Support it similar to the way it is normally mounted on the fuselage. Do not leave the weight of the plane resting on the tires if you don't store it vertically.

**Engine:** The major concern regarding engine storage is to remove all the glow fuel from the inside of the crankcase and cylinder to prevent rust formation on the bearings, crankshaft, etc. The best advice is to remove the engine from the plane, remove the glow plug and back plate, and flush the inside out with a solvent such as kerosene. While the backplate is off, check it over for signs of rust, bearing failure, etc.

After cleaning, generously oil the bearings and cylinder with lubricant such as one of the after-run oils or Marvel Mystery Oil. After it is well oiled, reinstall the backplate and plug and place it in a sealed plastic bag along with the mounting hardware until next season.

If you decide not to remove the engine, at least remove the glow plug, pour some oil into the carburetor and spin the engine over clockwise and counterclockwise to distribute the oil through the bearings. Add some oil through the glow plug hole, turn the engine over slowly a few more times and reinstall the glow plug.

Remove the prop if it is made of wood. Put a plastic bag over the engine to keep dust and dirt out.

**Batteries:** Ideally you should cycle the transmitter and receiver batteries and record their capacity for reference next season. If they are doubtful, cut the connector off and throw them away and buy new next season.

It is best to leave them on a trickle charger to maintain a charge during the off season. If this is not practical, try to charge them at least every one to two months. When ready to fly again next spring, cycle the batteries first to be sure they have adequate capacity.

**Transmitter/Receiver/Servos:** Don't forget to check over the servo wiring and connectors. If there is any sign of corrosion on the connectors, get them replaced. Also, check the output shaft for looseness.

Check the receiver antenna for damage. If there are any doubts, get it fixed or replaced. Extend the transmitter antenna and clean it with alcohol. Collapse the antenna and repeat the cleaning several times. (There are contact fingers inside each antenna section that may become coated with oil, preventing proper contact between sections, greatly reducing the transmitting range.)

*(Continued on page 3)*

## Aero Radio Club of Syracuse Membership Application/Renewal

Name: \_\_\_\_\_

Please Check all that apply:

Address: \_\_\_\_\_

\_\_\_\_\_ New Member initiation fee \$ 5.00

City: \_\_\_\_\_ State: \_\_\_\_\_

\_\_\_\_\_ Junior Member (under 18, parent *NOT* a member) \$10.00

Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

\_\_\_\_\_ Junior Member (under 18, parent *IS* a member) \$ 0.00

E-Mail: \_\_\_\_\_

\_\_\_\_\_ Senior Member (over 65) \$15.00

AMA Number: \_\_\_\_\_

\_\_\_\_\_ Regular Member (18-65) \$35.00

Radio Channel(s): \_\_\_\_\_

\_\_\_\_\_ Late Fee (after Jan. 31, Renewals only) \$ 5.00

Submit this form and payment to:

Add up all applicable fees \$ \_\_\_\_\_

Mike Schofield (ARCS Treasurer)  
3910 Howlett Hill Rd.  
Syracuse, N.Y. 13215 Ph: 488-2120

Make checks payable to ARCS

### RC Humor:

#### Thought for the day

Never be afraid to try something new!  
Remember, amateurs built the Ark; professionals built the Titanic.

#### Definition:

**Superior Pilot:** A pilot who uses superior judgment to keep himself out of situations that might cause him to have to use his superior flying skills.



Yes, but I was declared the winner!

(Continued from page 2)

**Fuel:** If you have fuel left, be sure it is capped tightly and store it in a cool place out of the sunlight. Some recommend against storing fuel in very cold temperatures, but I have not had any problems doing this in the past.

**Starter Battery:** If you have an electric starter hookup, remove the 12 volt lead acid battery, clean the terminals and check the electrolyte level. Add water if necessary. This battery **MUST BE CHARGED** if stored outdoors during the winter. A monthly charging will keep the battery from freezing and also extend its life.

**Miscellaneous:** If you have a handful of used rubber bands as I do, throw them out and plan to buy a new box next season. This would be a good time to check your supply of spare glow plugs, props, etc. and make up a parts list to replace those used during the summer.

If, during your inspection, you run into problems or there is something you are not sure about, call

«First» «Last»  
«Address»  
«City» «State» «Zip»

7651 W. Sorrell Hill Rd.  
Baldwinsville, NY

**AERO RADIO CLUB OF SYRACUSE**

## Calendar

Fri. Nov. 14, 2003	7PM Walt's	Club Meeting
Wed. Nov. 19, 2003	7:30 PM Ramada Inn	Model Forum Meeting
Sat. Nov. 22, 2003	9AM-5PM Walt's	Secret Santa Sale
Fri. Dec. 12, 2003	7PM Walt's	Club Meeting (Family Pizza Party)
Thu. Jan. 1, 2004	11AM at the field	New Years Day Fun Fly
Fri. Jan. 9, 2004	7PM Walt's	Club Meeting
Fri. Jan 30, 2004	7 PM at the Ramada	Meeting and set-up for the forum
Sat. Jan. 31, 2004	9AM-4PM Ramada	STARS/ARCS Model Forum