



ARCS NEWS

Nov 9, 2009

Club Meeting– Friday, November 13, 7PM at Walt’s

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President’s Message:

It’s hard to believe the flying season is over already. It sure went by fast. I have plenty to keep me busy this winter. My aircraft are all showing their ages. Covering to re-do, hinges to replace, batteries to cycle, bearings to change... I better get started. But first, the newsletter:

- The Civil Air Patrol gave us a nice presentation at the last meeting. They are interested in learning R/C and they have a few planes. Looks like there could be several new members and flight school could get very busy next season.
- At the October meeting we decided to donate \$200.00 of the pancake breakfast money to Doc’s scholarship and keep the rest to help offset the cost of the new impound shed.
- The outhouse is gone for the season, probably wintering in Florida.
- The tractor has been taken to Art Dudden’s house for the winter. Art has already pressure washed the deck and is winterizing it. If there are any issues with it please bring it to Art’s attention.
- With the weather getting bad I want to remind everyone to use their best judgment when driving down to the field. If the road is wet, do not drive on it! Road maintenance is one of our biggest expenses. One guy leaving ruts can cost the club several hundred dollars. If you see anyone abusing our road, club member or not, please let me know. Get as much information as you can, name, license plate number, kind of car, etc. Thanks.
- John Kellogg would like us to barricade our road for the winter to keep hunters out. We’ll talk about this at the meeting.
- We will participate in Walt’s Secret Santa Sale again this year. We will have a table set up to provide information about the club. It is Saturday, Nov 21 from 9 ‘til 4. Stop by and help out and do some shopping.
- Training nights are over for the season. Thanks to all that helped out!
- The Model Forum will be a similar format as last year. Some of the forums will be conducted on the flight line instead of the separate rooms. There will be a swap shop like last year. We’ll be looking for volunteers again.
- Be sure to renew your AMA and Club memberships. They will need to be up to date to fly on New Years Day.
- Mike Amie will be providing the food for the Christmas party again this year. It will happen during the December meeting.

See you at the meeting.

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.)

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.

ARCS Membership Application/Renewal

Date: _____

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

Mobile Phone _____

 Senior Member (over 65) \$15.00

E-Mail: _____

 Regular Member (18-65) \$35.00

AMA Number: _____

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

Radio Channel(s): _____

Submit this form and payment to:

Add up all applicable fees \$ _____

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Make checks payable to: **ARCS***(Continued from page 2)*

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 another club member for some advice or suggestions. Make the repairs during the winter and save the warm weather for flying!

from *Itasca R/C Club News*
Bob Blase, editor Grand Rapids MN



Ok, not airplane related but a nice photo.



Calendar

Fri, Nov 13	7PM Walt's	Club Meeting
Sat, Nov 21	9-4 Walt's	Secret Santa Sale
Fri, Dec 11	7PM Walt's	Club Meeting/Family Christmas Party
Fri, Jan 1, 2010	11 AM at the field	New Years Day Fun Fly
Fri, Jan 8	7PM Walt's	Club Meeting
Fri, Jan 29	6PM Syracuse Academy of Science	Set up for Forum
Sat, Jan 30	9AM Syracuse Academy of Science	Model Forum
Fri, Feb 12	7PM Walt's	Club Meeting