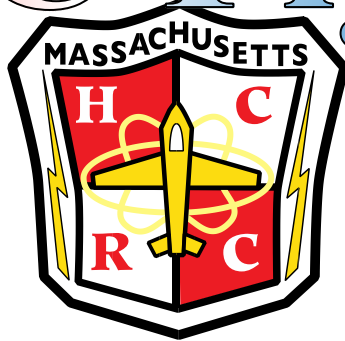


HCRRC Flyer

February 2023



AMA Charter #341



New Years Day
Annual Fly-In, Jan 1st, 2023

Not nearly as cold as some New Years Days but still we needed a fire to keep those fingers from freezing on the sticks!

Pictured – a 'retired' airplane provides its last bit of usefulness as a heat source at the bonfire on January 1st, 2023



HCRC Meeting Notes from Thursday, January 5th, 2022



Quorum Present - 19 Members including 4 Executive Members present: Dan Kapinos, Mike Shaw, Gus Coelho, Bill Ewers, Ron Paul, Mike Booth, Ed Kopec, Bob Prosciak, Mark Wasielewski, Dennis Walker, Bill Jaciow, Pat Malone, Alan Crawford, Santiago Mercado, Mike Riley, Mark Mundie, Peter Cincotta, Dave Lampron and Dean Lampron

- Reading of the minutes from the previous month was waived.
- Club finances for the month of November were reported and approved.
- The Christmas party was held December 10th at the East Mountain Country Club. About 20 people attended and a good time was had by all.
- The Frozen Fingers Fly-in was held January 1st. The bonfire consumed some old wood and busted planes.
- About a dozen pilots showed up for the festivities. The wind picked up towards the end of the event but planes were flown.

The Board of Director's Meeting will be held January 21st.

We are looking for volunteers to serve as CD's or organizers for:

1. Spring Outdoor Swap Meet – Alan Crawford and Santiago Mercado have volunteered to run this event.
2. Wings Over Hadley Fly-In
3. Fall Outdoor Swap Meet
4. Fall Club BBQ

We will not schedule any events that do not have volunteers to run them.

The dues deadline is the next business meeting – February 2nd. Please remember that there is a \$15 penalty for payment after that date.

The driveway at the field is soft. Please go slow if you are visiting the field and stay on the driveway.

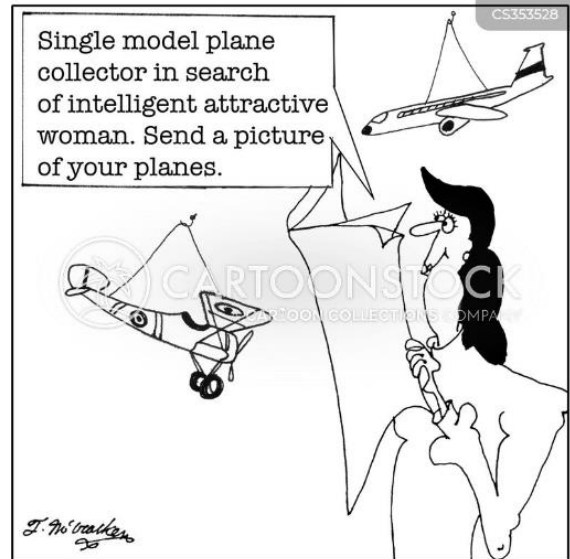
Rick Rabe took over for Alan Crawford Jr. as editor of the newsletter. Any suggestions or contributions for content are welcome.

The next meeting will feature Ron's chili.

Club News

UPCOMING EVENTS

- 2/2/23 Business Meeting at the VFW 7PM (Chili by Chef Ron)
- 3/2/23 Business Meeting at the VFW, 7PM (Food TBA)
- 3/25/23 Rutland County RC Flyers Swap Meet and Auction (see notice)



Reminder: 2023 Membership Dues

Just a friendly reminder that your 2023 membership dues are currently due to be paid in full by the February 2nd business meeting to avoid a late penalty of an additional \$15. You can pay your membership dues one of two ways:

1. Bring cash or check to the February 2nd business meeting.
2. Mail your check payable to Hampshire County Radio Controllers or HCRC and mail to:

Gus Coelho (Treasurer)
141 Holy Cross Circle
Ludlow, MA. 01056

Thank you!

Swap Meet and Auction!



Saturday March 25th

Fair Haven American Legion

Rt. 22A, Fair Haven, VT 05743

Vendor setup 8am

Doors open 9am

Lunch available 11am-1pm

Auction 1pm

Limited number of tables; reserve now!

rea.jimrotondo@gmail.com

Deadline March 10

Tables \$15 ea.

General admission \$5

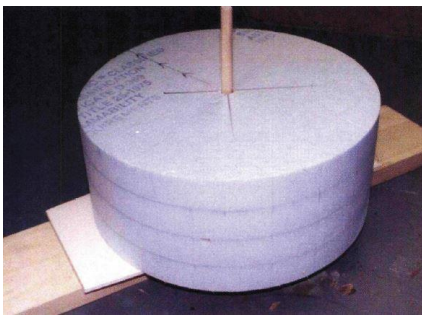
Rutland County RC Flyers

DIY Fiberglass Engine Cowlings

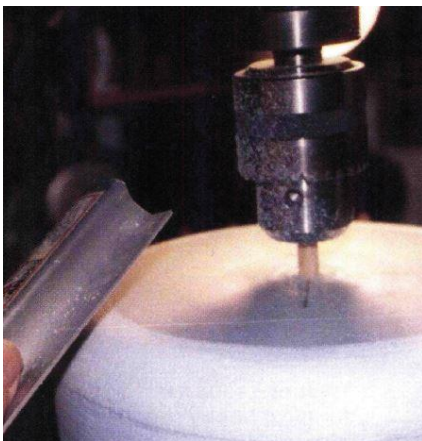
By [Gerry Yarrish](#) from Model Airplane News Archives



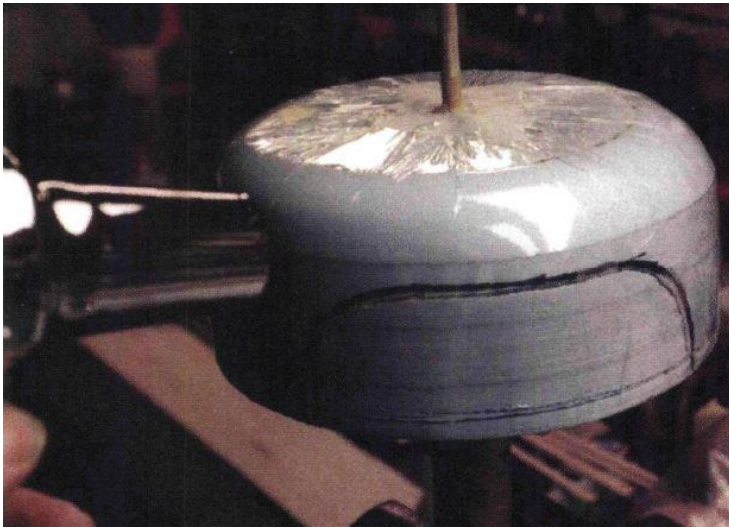
When you find that you can not purchase a molded part for your scale project, it really isn't all that difficult to make that part yourself. Here is a great way to make homemade fiberglass engine cowlings with readily available supplies. To make the engine cowling for my 1/4-scale Sopwith Camel, I used 1-inch-thick blue insulation foam, a 1/2-inch diameter dowel, some plastic food wrap, 3M Super 77 spray adhesive, a heat gun, 6 oz. fiberglass cloth, some old pantyhose and Zap's Z-Poxy Finishing Resin.



First cut four 12×12 inch squares from the blue foam sheet, and glued them together with the 3M Super 77. The adhesive does not interfere with the sanding of the foam plug. I used my drill press to drill a 1/2 inch hole in the center of the foam block and then glued the dowel in the center of the block leaving 3/4 -inch sticking out of the bottom and about 3 inches protruding at the top of the block. The dowel will act like a spindle so it must be plumb to the top of the block.

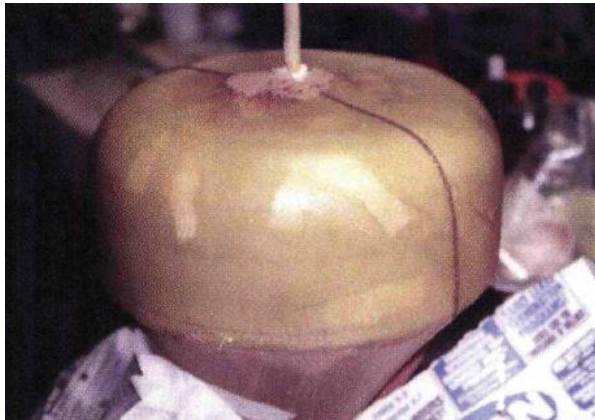
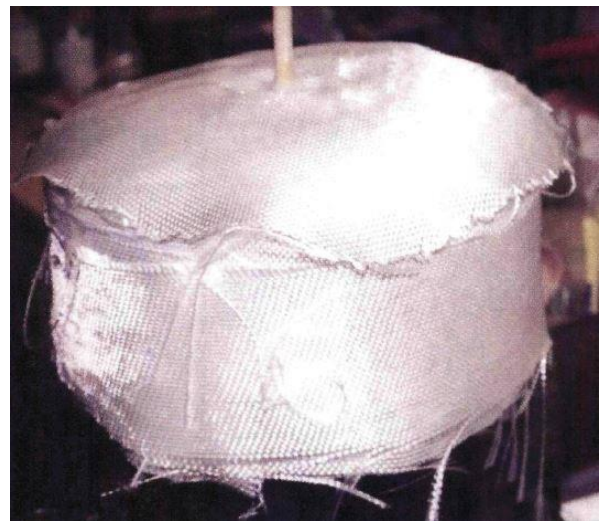


I drilled a 1/2-inch hole into a piece of pine board to accept the dowel so that I could mount the assembly on the board and rotate it on my band saw: this made a perfect circle cut in the foam slightly larger than the final size I wanted the foam plug. I next clamped the board to my drill press table and with the drill press set at a low speed, I spun the foam plug so I could sand it to shape. Course sandpaper works best for the rough shaping, but make sure to use a shape template to check the profile of the plug as you get close to the final shape and size. The switch to a fine sandpaper grit to sand it smooth.



Once you are satisfied with your plug, hold the dowel in a vice and cover the foam with plastic wrap. I secure it in place with clear tape and then with a heat gun, shrink the plastic wrap to get rid of any wrinkles. The wrap acts as a release agent for the fiberglass part.

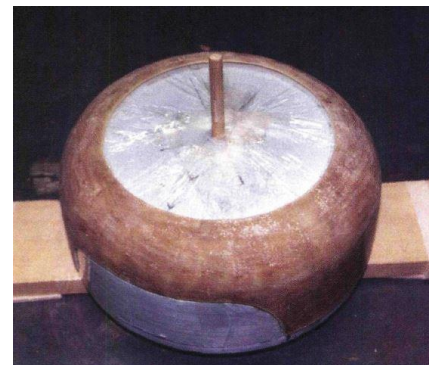
Next cut 6 oz. fiberglass cloth into strips and wrap them around the plug and secure with clear tape. Cut some circular pieces for the top of the plug and continue adding until you have three layers overall.



Pull an old pair of nylon pantyhose over the plug to press the fiberglass tightly around the foam plug. If necessary, reach under the nylon and smooth out the glass cloth so it lays flat. Pull the pantyhose down really tight and then secure it to the bottom end of the dowel with more tape or some cable ties. Now start brushing on the Z-Poxy Finishing Resin and let it soak through the nylon hose and into the fiberglass cloth. It “wets” the glass cloth very quickly. Keep applying the resin until there are no white areas left. Once

cured overnight, the resin will be nice and hard, and it sands easily.

After the resin has cured, trim, cut and sand the cowl while it is still on the plug. The layer of plastic wrap will should allow you to remove the cowl from the plug fairly easily. You can then prime and spot putty the surface of the cowl before you paint it. If you like, you can add a finish layer of .75 oz. cloth and resin over the cowl to provide a nice finish.



Give this oldie but goodie technique a try. You will be pleased with how easy it is to make a glass cowl by yourself in your workshop.

Text & Photos by John Tanzer



Here's a special flying page of cards for Valentine's Day. Our partners/spouses put up with a lot!



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