Prop Wash

Newsletter of the North East Radio Control Model Club
Dedicated to the memory of Ron Arriel, President 1994-2006
AMA Chartered Club #3514
Club Web Site Address: www.nrcmc.club
February 2025

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Treasurer's Report

Budget Summary for January - December 2024

Beginning Checkbook Balance:	5302.88
Income:	2813.47
Donations:	1000.00
Total Income:	3813.47
Total Expenses:	3887.29
Working Budget Balance: (Checking):	2229.06
Tractor Fund: (Checking):	2500.00
Total Club Assets:	5729.06

As of 1/1 there are 13 Regular Members for 2025

Dues are Due!

Current membership ends on December 31. You must renew your club membership and AMA membership to fly in 2025.

Dues:
Regular and new member: $75
Junior member: $25

Mail check to:
Mike Dascoli, treasurer
20 Jak-Len Drive
Salisbury, MA 01952
or
renew online with PayPal at nrcmc.club

No Flying at the Field before 9:00 AM
at the request of the landlord

January Happenings

With the start of a new year Ron and Mike have been working hard to get the club off to a good start.
At the December meeting the results of the election were:

President: Ron St. Germain
Vice-President: Mike Dascoli
Treasurer: Mike Dascoli
Secretary: Ron St. Germain
Safety Coordinator: Mark Dobson

Harry Reifel stepped down after many years of serving as treasurer. Safety Coordinator, Bruce Mitchell also stepped down. Thank you Harry and Bruce for all you have done for the club.

Mike D. and Mike L. have been working to make our website better. There is a new section called "field" where member's pictures can be posted. Send your pictures to Mike D. and he will get them on the page.

Ron and Mike D. have been working on a new meeting schedule that will combine in-person and virtual meetings as appropriate. This is in response to members' requests to hold more meetings at the field. Hopefully it will lead to greater participation in running the club. You can read the full text of the proposal in a January 2 e-mail sent to all members. These changes will be voted on at the February meeting - make your voice heard - come to the meeting!

Remember you must be a current paid-up member for both the club and AMA to fly at the field. Don't forget to renew both your club membership and AMA membership.

Jane Walker, newsletter editor

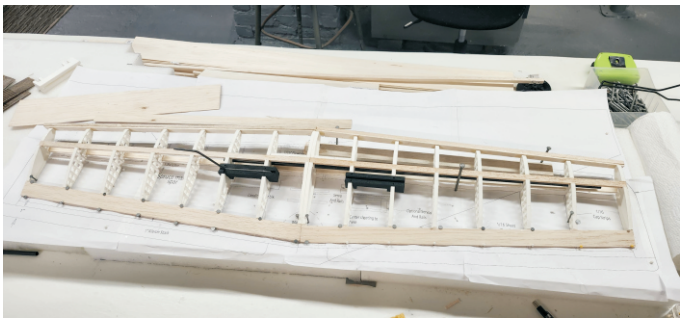
Next Meeting: Wednesday, February 5, 2025 at 7:00 pm via Zoom

My Winter KAOS Build

(ed note: *This story was submitted by Ron St. Germain - it has been edited slightly. The entire story with more pictures can be found on the club web page at www.nrcmc.club*)

This winter I got dragged into a new project by Mike Dascoli. The project was a Classic "KAOS" design scratch build. I've never made a scratch-built plane before. Mike took the traditional balsa and Monokote route while I tested my 3D skills to do a hybrid build using a 3D/balsa/Monokote mix. The pictures below are an overview of the results.

The first step was the main wing construction. 3D ribs with a carbon fibre rod were used. The goal was to provide strong precision shaped wings. This picture shows the left wing under construction.



After glueing, the end result was slightly heavier than Mike's all balsa but seemed more rigid.

The fuselage was all balsa sheeting with 3D printed formers, tail pieces canopy and wing tips were all 3D printed. Overall weight was slightly heavier than Mike's plane but still within the margins of the traditional design.

Here is a picture of the completed plane getting ready for her maiden flight.



Below is a beautiful picture after its 11 second maiden flight!!! I should have checked my switches! I made the mistake of not asking Mike to be at the field for the first flight. He would have put me through a thorough check out before I gunned the throttle



Undeterred, I set off to build my KAOS-2… The original design had a couple sheet fit problems and the ribs, although strong, were a little more flexible that I liked. The picture below shows the new with redesigned ribs (lighter and stronger than the original) with the sheet fit problems fixed. The assembled wing had a slight twist so I designed two fixtures (orange end pieces) and screwed the left fixture down to my workbench and I applied pressure to the right fixture with a clamp (shown above the wing) and placed a damp towel over the wing and let it dry out over night. All the twist was eliminated



The following picture shows the completed KAOS-2



I can't wait to take her up after I "admire the results for the rest of the winter". This time I'll make sure Mike gives it a complete checkout. Maybe I'll have him do the Maiden. I'd hate to kill two of these beauties in a row.

Ron St. Germain, president

From Facebook:
Joe Laflamme: *What did you do wrong, Kaos airframe is such a good flyer?*
Ron: *I was flying with a winter coat on and the sleeve tripped my mode switch and put it in expert mode. Not knowing this I did a hard bank about 20 feet off the ground and by the time I realized it the damage was done.*

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