

LIVE FREE AND FLY



# *BullSheet*



Meeting Schedule

**Next Meeting  
14 July 2025**

Club meetings are held on the second Monday of each month.

**Next meeting**

Our regular monthly meeting will held on July 14th at 7:00 PM in the Litchfield Fire Department.

The Bull sheet is published by the Southern New Hampshire Radio Control Club (SNHRCC), Inc, a non-profit Academy of Model Aeronautics (AMA) Chartered Club #408, for the promotion of building and flying Radio Controlled (RC) model aircraft.



# BullSheet

**Greetings Folks!**

**I hope your summers have been going well despite the lack of a place for our club to fly. Although it has been so hot and miserable lately that I've enjoyed the AC for a change.**



**We have been pursuing four other flying fields in Litchfield and Pelham, we are hoping to have a little bit more known before our meeting on Monday.**

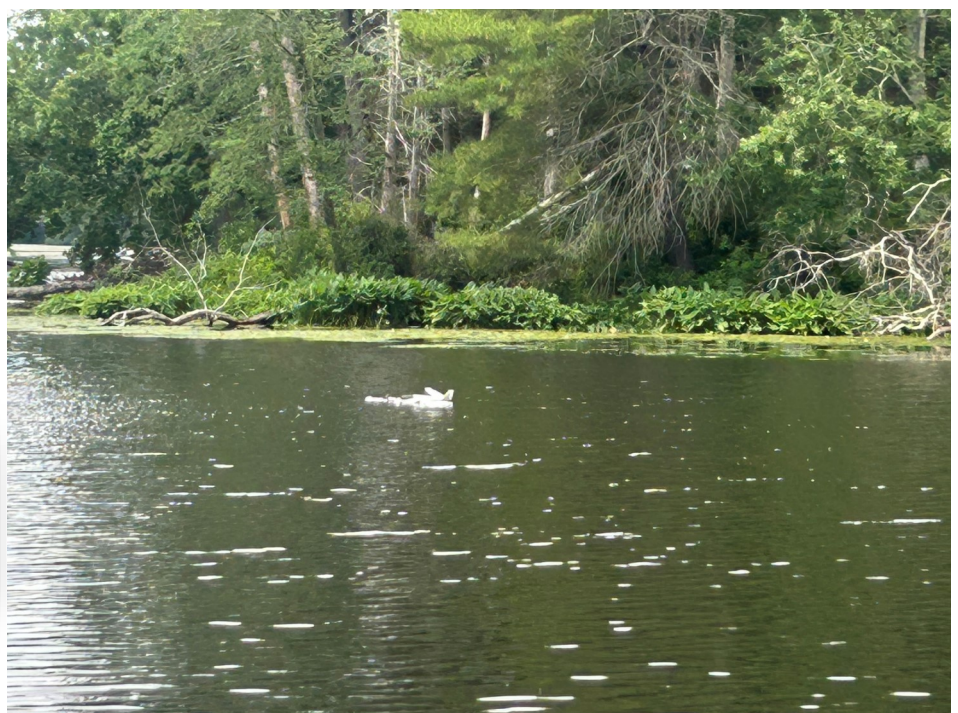
**We have also set the date for the 2025 Darrel Wagner Fun Fly of October 4 with a rain date of October 5 at the Concord Skyhawks like last year.**

**For this meeting, I'll give the second part of my talk about aerodynamics and the physics of flight.**

**See you Monday!**

**Cody**

PS Here's a pic of the unfortunate end of my Swordfish FPV plane out in Western MA





## Club Officers

**PRESIDENT**

**Cody Wojcik**

Salem, NH  
603.479.3799

**VICE PRESIDENT**

**Mark Auclair**

Windham, NH

**SECRETARY**

**John Hayes**

Litchfield, NH  
603.345-5604

**TREASURER**

**Ed van der Veen**

Hudson, NH

**WEBMASTER**

**Ed van der Veen**

Hudson, NH

**SAFETY OFFICER**

**Brian Nadeau**

**NEWSLETTER**

**John Marien**

Merrimack, NH  
603.860.0050  
John@ne-aero.com

**FLIGHT INSTRUCTORS**

**John Hayes**

603.345.5604

**John Marien**

603.860.0050

### Southern NH Radio Control Club Meeting Minutes June 9th, 2024 Litchfield Middle School

Officers in attendance: Cody, Mark, Ed, and John

Secretaries and Treasurers' reports were read and accepted.

Cody reported that we managed to get in touch with the Londonderry town engineer. June 10<sup>th</sup> we will visit the site. Cody described the site and what we will ask for.

John mentioned the Concord Skyhawks is willing to run the Darrell Wagner Fun Fly, no date set yet.

John Marien suggested we enter into a shared field arrangement with the Tigers, working both ways. Bob Dimeo thought it could be a good idea. John Hayes mentioned that if there were any problems at the fields it could result in a lot of finger pointing as to who caused it and possibly bad blood between the clubs.

Joe mentioned the Tigers have extended the \$50 membership this year to SNHRCC members.

Cody mentioned that we could possibly have a reduced membership for the Tigers members.

Following the meeting Cody provided a learning session on Aerodynamics.



Our next meeting will be at the  
Litchfield Fire Department



## SNHRCC Winter Meeting Spot!

**Our meeting spot is in the Community Room of the Litchfield Fire Dept. Please pay attention to the parking restrictions that are made to accommodate the Volunteer Firefighters on call. **Violators will be mocked until they move their vehicles.****

# Seacoast United

88 Shirking Rd Epping, NH  
around the corner from Petersons field



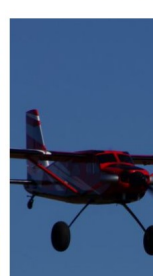
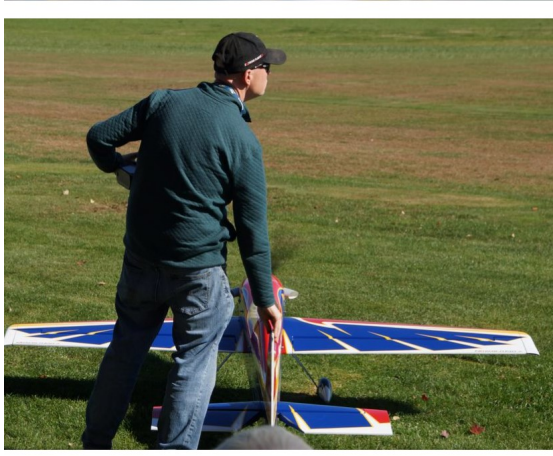
how about flying inside  
for the winter  
just think indoor plumbing



Any questions text Wayne  
@603-498-4690

9:00am to 1:00pm  
Every Tuesday & Thursday  
starting January 23rd

cost: \$10.00/day or \$60.00 Monthly membership  
credit card only



**Darrell Wagner  
Memorial  
Fun Fly  
October 19th, 2024**






**NH FLYING TIGERS RADIO CONTROL CLUB**  
1 B ST DERRY NH. ENTRANCE LEFT OF BLUE BUILDING

**2025 AMA SANCTIONED PUBLIC FLY-IN**

**SATURDAY AUGUST 2, 10AM - 4PM**  
**RAIN DATE: SUNDAY AUGUST 3, 12PM - 5PM**  
**SCHEDULE UPDATES: [NHFLYINGTIGERS.COM](http://NHFLYINGTIGERS.COM)**

**CONTACT:**  
Paul Pazolt  
603.560.5151  
[paulpaz@comcast.net](mailto:paulpaz@comcast.net)

**PILOT INFORMATION:**  
RSVP Paul Pazolt  
Registration Starts at 9AM  
\$10 Landing Fee, Free Lunch  
Current AMA/FAA Required

*Free Public Event, as local area pilots share their aircraft and flying skills. Ample parking. Reserved parking for HCA, Seniors, and Veterans. Porta Potty, food, beverages, cash raffles. Bring a chair and join us to learn more about the radio control flying hobby!*

**The NHFT club is offering 50% off dues for SNHRCC members who have not joined them yet.**

**SNHRCC members can also fly on guest passes for a bit to try out the field.**

**There are many of us who have already joined the NHFT club.**

**SATURDAY AUGUST 16TH**

**CONCORD**

**SKYHAWKS**

**BUY IT AND FLY**

**IT SWAP MEET**

**27 LOCKE ROAD  
CONCORD NH  
03301**



**THIS  
EVENT IS  
CASH  
ONLY**

**SELLERS PLEASE ARRIVE AT 9AM**

**OPEN TO BUYERS 10AM**

**\$15 SELLER FEE, TABLES INCLUDED**

**\$10 SELLER FEE, BRING YOUR OWN TABLE**

**SELLERS: PLEASE RESERVE A TABLE NO LATER THAN  
AUGUST 10TH, 2025**

**CONTACT INFORMATION:**

**DAN WEED 603-848-3188**

## Builder's Corner

OK, so not all of us are builders. But a fair number of us are repairers. So, I thought a quick talk about products to use in repairs and the differences in them.

In the pictures to the right, are several products I use a lot when building and repairing. They look a lot alike, but have different properties. Both need epoxy to achieve their potential.

The first is a carbon fiber tow weave. Notice no cross fibers. The second is a traditional weave of carbon fiber. The next is Kevlar, and finally glass cloth. All of these come in different weights and subsequent strengths. We typically use a weaved cloth when we have stresses in multiple directions and straight material when there is a single stressor.

In sailplanes, I use the lightest cloth that can get the job done and the least amount of epoxy needed to saturate the cloth and form the epoxy matrix around the cloth. Extra epoxy is just added weight. Rarely do I let gravity hold this cloth in place as it cures. Almost always, I clamp the cloth in place or use a vacuum bag to ensure the cloth adheres to the plane. You can also use a combination of carbon fiber, Kevlar, and glass cloth to form a composite that meets the strength and flexibility you need in your application.

The last picture is of my Twisted Hobbies Edge 540. The elevator would flex when I pushed the stick hard causing the plane to corkscrew instead of loop. By adding the carbon fiber strip as shown, I eliminated the slave elevator half lagging behind the driving elevator half.

Wear protective gloves when working with epoxy please!

John Marien



# The Color Choice ...

Back in 1974, I took my brand-new bride on quite an adventure: all the way across the country to attend the S.O.A.R. (Silent Order of Aeromodelling by Radio) Nationals. This was my very first big trip to compete in an R/C sailplane contest, and to say I was excited would be an understatement. I was finally meeting some of the legends I'd only read about in the pages of the modeling magazines.

One of those legends was Otto Heithecker, the brilliant designer behind several famous—and famously competitive—sailplanes, including the iconic Challenger. Ever since that trip (hard to believe it's been over 50 years!), I've dreamed of building a Challenger of my own. But the idea of cutting out all those ribs and bulkheads by hand always kept the project on the back burner.

Then came a game-changer: Ray Hayes, founder of Skybench Aerotech, released a laser-cut kit of the Challenger. At last, no more hours bent over a scroll saw! Of course, life has a way of throwing curveballs—some health issues and a cross-country move slowed me down a bit. But I'm finally at the stage where the airframe is ready for covering.

All along, I thought I'd keep things traditional and match Otto's classic red and white scheme. Now that it's decision time, though, I keep wavering—red and white, blue and white, or maybe even blue and yellow?

To help break the tie, I decided to enlist a modern kind of workshop assistant. Over the past year, I've become quite a fan of ChatGPT, the online artificial intelligence tool. It's bailed me out more times than I can count: reconfiguring a cranky Windows computer, tracking down lost instruction manuals, even suggesting good places to grab lunch.

So, I figured—why not see if AI could lend a hand with model airplane color schemes? Starting with the only black-and-white photo I could find, I asked ChatGPT to generate some options. You can see my prompts and the colorful results below.



"Please colorize this black & white photo, and make the darker areas of the glider bright red, and the lighter areas white."



"Please use the same process and make the darker areas Navy Blue and the lighter areas white"



"Please use the same process and make the darker areas Navy Blue and the lighter areas yellow"





“That’s great. but make the horizontal stabilizers (elevators) Navy Blue, to match the wings”



I’m fairly sure that I could use the same process to add pin stripes, stars, or other graphics. Right now, I am leaning towards the white and Navy Blue. Any comments ?

Since I have a bit of space to fill, I asked ChatGPT to describe itself, for anyone reading this who isn’t familiar with it... Here’s what it came up with...

### Exploring New Ideas (and Much More) with ChatGPT

Many modelers are discovering a surprising new tool to support their RC projects: ChatGPT. For those who haven’t encountered it before, ChatGPT is an artificial intelligence (AI) conversational assistant developed by OpenAI. Think of it as a combination of a knowledgeable research partner and an endlessly patient brainstorming buddy, available 24 hours a day.

You simply type a question or describe what you’d like help with, and ChatGPT responds in plain language. Whether you want historical details about a classic kit, help drafting club announcements, tips for improving workshop organization, or ideas for your next build, it can offer suggestions in seconds.

#### Getting Started Is Simple

To give ChatGPT a try, you don’t need any special technical background. Here’s how you can get started:

**Visit the Website or App:** Go to [chat.openai.com](https://chat.openai.com) in your web browser or download the ChatGPT app on your smartphone.

**Create an Account:** You’ll need to set up a free account with an email address.

**Ask Your Question:** Type in whatever you’re curious about. You can be as broad (“What are some good beginner RC planes?”) or as specific (“How do I set up differential ailerons?”) as you like.

**Refine the Results:** If the first answer isn’t exactly what you had in mind, just reply with clarifying details—ChatGPT will adjust its suggestions accordingly.

People are using ChatGPT for everything from troubleshooting electronics and exploring aerodynamic concepts to writing newsletter articles and generating checklists for competitions. It can even help you brainstorm new project ideas or learn about unfamiliar techniques.

If you’ve never tried an AI assistant, it’s worth exploring. You might be surprised how quickly it becomes another useful tool in your RC workbench or hobby room.

Wanted to buy or borrow:  
YEP ESC Programming Card.

If you have one, please contact JohnMarien ([John@ne-aero.com](mailto:John@ne-aero.com)).





Accepting, photographs, interests, build projects, personal updates, news, stories, gossip, anything -

....Please send to your humble editor to be included in next edition.

[John@ne-aero.com](mailto:John@ne-aero.com)

## **MURPHY'S LAW OF RC FLYING**





The Recreational UAS Safety Test (TRUST)



<https://www.youtube.com/watch?v=ZklBwvy6gZc>

This video explains the TRUST Test REQUIREMENT.

<https://trust.modelaircraft.org/>

This is the Course/test site.

## ABOUT THIS TRAINING

### WELCOME TO THE RECREATIONAL UAS SAFETY TEST (TRUST)

The Academy of Model Aeronautics is an **FAA-approved Test Administrator of The Recreational UAS Safety Test** (TRUST).

TRUST is a collaboration between the FAA and industry to provide TRUST and educational safety material to Recreational Flyers.

**Recreational flyers can access the TRUST here by clicking START below!**

Upon completion of the test recreational flyers should print or save a digital copy of their completion certificate and keep it on their person when they fly. The Academy of Model Aeronautics cannot re-issue your completion certificate if it is lost. The FAA cannot re-issue your completion certificate. Should you lose your completion certificate, you will need to re-take TRUST and obtain a new certificate.



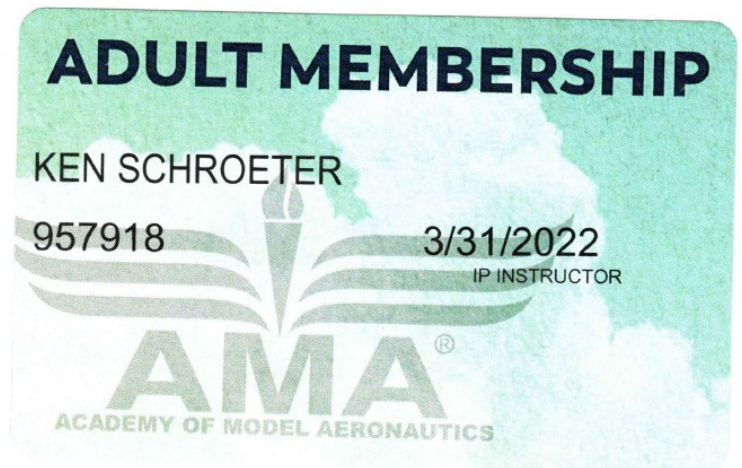
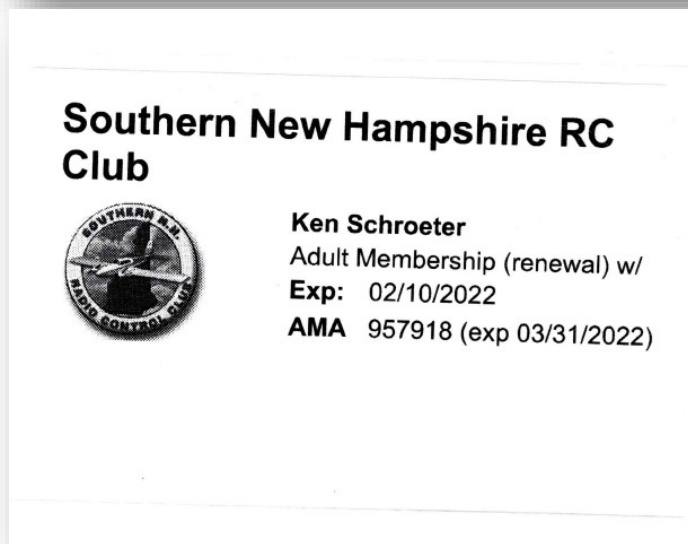
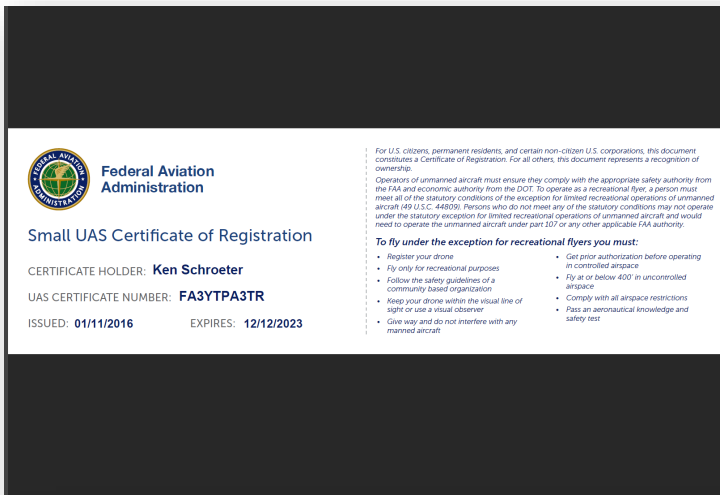
**NOTAM**

This is a requirement of the AMA and FAA, so please take the few minutes to take the course. The “test” is a set of slides explaining the knowledge base required, followed by a few “keep doing it until you get it right” questions that is the actual test. Its quite simple if you watch the slides. You will need to keep a copy of the certificate with you when flying. Once and done forever.

No whining,

# REQUIRED FLIGHT DOCUMENTS

These are the required documents to fly at an AMA Chartered Field.  
For the FAA you technically only need your FAA Number where it can be seen on your aircraft in plain view (i.e. not inside). I keep them in my radio box.



1. FAA Drone Registration Number/Card
2. TRUST Certificate
3. Current Club Card
4. Current AMA

# Membership Renewal Time

It is that time of the year again to renew your membership! Attached is the 2025 Renewal Application. We're looking forward to seeing you all again!

