



Bull Sheet

January 2024 Issue



Hello 2024!

In just a couple of months, we'll have forgotten about the cold and snow, and FLYING will resume!

Meeting Schedule

SNHRCC Meetings are held on the second MONDAY of each month.

Summer meetings (June, July, August, September) are held at our flying field. They're being at 7 pm during the summer to allow a time of flying while the members are all together.

Winter meetings (October - May) are being held at 7 pm in the Community Room of the Litchfield Fire Department, 10 Liberty Way, Litchfield, NH. Last page of this issue has a map of the parking.

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 of Radio Controlled (RC) model aircraft.

Club Winter Building Project



This club project is based on the North-east Aero TrainAir. This one is scaled down to .049 size. It spans 36 inches, and can be built with either glow power or electrics. Printed plans for the TrainAir .049 were distributed to interested members at the December meeting. The CAD work has been completed, and the parts are ready to be laser cut now. A prototype kit will be available for inspection at the January meeting. If you are inter-



ested in having a kit, and cannot attend the meeting, please contact Taylor at taylor@soaringstuff.com. The estimated cost of the kits will be \$25.00.

This could be a lot of fun, particularly if we have a small swarm of the little beasts flying around at the same time. Don't be bashful... Step up and join the fun!

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Next Meeting is January 8, 2024 at the
Litchfield Fire Station Community Room
7:00 PM Sharp!

Thought for the Month ...
**Gravity isn't just a good idea...
It's the LAW!**

A Message From The President

Greetings Folks!

Happy New Year! I hope you all have some great plans for flying in 2024, and maybe have some awesome stuff on the bench for the spring.

Everybody, please thank and welcome our new newsletter editor Taylor Collins! Taylor, we really do appreciate you stepping up to do this. I also want to thank Ken Schroeter for his hard work on this excellent newsletter these past 5 years.

At this coming meeting, we will have some updates on the efforts to keep our field instead of it becoming a solar farm. Look out for another email from us with just these details as well.

See you Monday at the Litchfield Fire Department!

- Cody



Cody

Club Officers

- | | |
|--|--|
| <ul style="list-style-type: none">• President
Cody Wojcik
Fremont, NH
603.479.3799 | <ul style="list-style-type: none">• Safety Officer
Brian Nadeau
603.566.6797 |
| <ul style="list-style-type: none">• Vice President
Mark Auclair
Windham, NH
781.910.1241 | <ul style="list-style-type: none">• Newsletter
Taylor Collins
505.301.2904 |
| <ul style="list-style-type: none">• Secretary
John Hayes
Litchfield, NH
603.345.5604 | <ul style="list-style-type: none">• Flight Instructors
John Hayes
603.345.5604 |
| <ul style="list-style-type: none">• Treasurer
Ed van der Veen
Hudson, NH
603.247.3181 | |



John

“Once you have tasted
flight, you will forever
walk the earth with your
eyes turned skywards.”

• **Leonardo Da Vinci**

**Southern NH Radio Control
Club Meeting Minutes
Dec 11th, 2023**

Litchfield Fire Community Room

Officers in attendance: Cody Wojick, Mark Auclair, Ed Vanderveen and John Hayes

Secretary's and Treasurers reports were read and accepted.

Ed said the new bank account will be set up on Dec 12th so business can continue.

Cody talked about his and John's visit to the Nov 28th Selectmen's meeting where Cody presented, during public comment session, the new information about the club being granted use of the site by the 1999 Board of Selectmen in a unanimous vote. The Chairperson of the current board said she was aware of this agreement and that we committed multiple violations of the agreement.

Cody described for the members the partition warrant article the club would file which would allow the voters to choose to allow us use of the landfill site.

Cody asked any Hudson resident members to contact the officers to sign the partition.

Much discussion followed with Cody describing our process.

Ed mentioned the upcoming deliberative session where the residents can better understand the warrant.

John Marien suggested involving the school students to better our position.

John Hayes would write a letter to the editor on the Hudson times.

The meeting was adjourned.

The members enjoyed pizza and soda and had fun with a Yankee gift swap.

2002 Weight Lifting Event



2023 F5J Sailplane Event



Editor's Chicken Scratchings

I'm not quite sure what happened, but somehow I woke up and found myself as your new Editor of the Bull Sheet. First and foremost, let me thank Ken Schroeter for the fine job that he's done as Editor, and for handing over a well organized set of files, bits and pieces that I can use to build future issues.

Being a publication editor requires someone who can read, write, and spell really good. I'm not sure that I qualify, but I will attempt to do this job in the best manner possible, at least until someone else steps up and says that they want the job.

And rest assured that I will need YOUR help with providing content for the Bull Sheet. The purpose of a club like SNHRCC is to share resources and information. If you see something interesting, come up with a new idea, or would just like to share your latest project, please send it to me.

For this month's Editorial column, I'd like to share some photos, and my heartfelt thanks to John Hayes, who agreed to come to the field on the Friday after Christmas, in the grayest, gloopiest conditions imaginable. We had my 11 year old grandson Liam here for a visit from Chapel Hill, NC. Liam is a VERY enthusiastic, budding R/C flyer. I promised to let him have some "hands on" building experience, and he got to do some framing and covering on a Dave Thornburg Honker. I understand that the Honker was a SNHRCC club project a few years ago, and John Hayes had a left over kit. I did some preliminary pre-fabbing, and Liam picked up where I left off.

Here's some photos from our slightly soggy adventure at Wagner Field.

-Taylor



The Very First Issue of R/C Modeler Magazine....

In 1963, the first proportional radios were coming out, replacing the vibrating reed radios of the time. With reed radios, having "simultaneous" control was considered a big deal. You could enter an aileron input, and an elevaotro input at the same time! Just as a point of reference, the Kraft proportional radio shown in the ad had 7 circuit boards in the receiver, stacked tightly into an aluminum box. And according to www.inflationtool.com, that \$500 price tag in 1963 is the equivalent to \$4,478 in today's market ...



Harrison Morgan and familiar Cub. Took second in Class I



Dale Willoughby's Cessna Skylane. Time ran out for this magnificent entry as engine difficulty developed at flight line. To be featured in RCM.

'63 Nationals



Bud Atkinson with Mooney Mite. Second in Scale. REMAT plus flaps, retractable gear and lights. Orbit 12.



A pair of Champions. First place Class III winners Jim Kirkland and Beachcomber. Sampey 404 proportional. Could that be a Florida tan, Jim?

1963 NATIONALS . . . continued



Joe Martin's spectacular XB47-D. Destroyed on landing.



Bernard Williams and modified Live Wire Cruiser. First in Open Rudder. 7 degrees upthrust!

B-24 ala Ralph Jackson. 4th in Scale.



RC Coverage



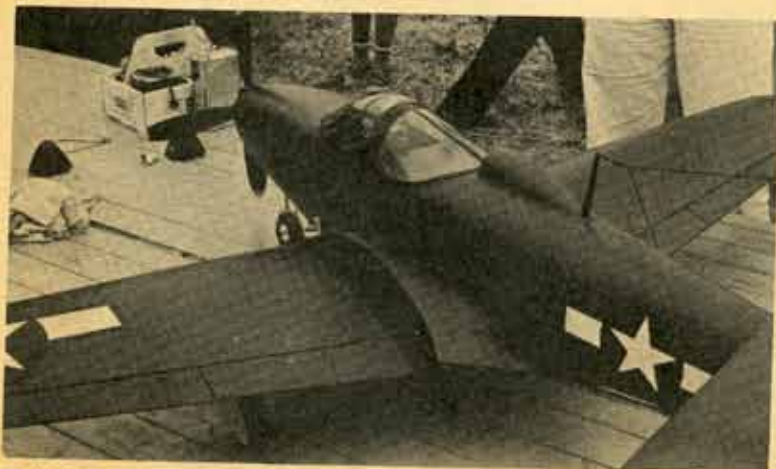
The most beautiful multi at the Nat's—Vic Husak's Altair. Acrylic lacquer.



First in Scale—Maxey Hester's P-63. Note instrument panel. Good detail and excellent flight pattern.



"You mean these aren't the Internats?" Dr. Ralph Brooke and Bob Dunham.



Scale Corsair by Jon Murphy.

YOU SAW IT AT THE NATIONALS . . .

THE KRAFT QUADRUPLE PROPORTIONAL SYSTEM

. . . has already won more West Coast contests than any other proportional system

➡ **5 years of continual development — over 2000 test flights without failure.**

➡ **Instantaneous response, perfect tracking, and no interaction.**

➡ **Full servo power for even the slightest increment of control movement.**

➡ **Complete freedom from drift even under the most adverse environmental conditions.**

TRANSMITTER

- The most powerful RC transmitter available. Size $2\frac{3}{8}$ " x 8" x 9".
- RF Section utilizes 3 silicon transistors, crystal oscillator, RF amplifier, and Class B collector modulator and final. 1.2 watts input to final.
- 4 Transistors and complimentary type transformer coupled Class B modulator used to provide 90% modulation and sine wave form to minimize splatter.
- Logic network consists of 27 transistors forming clock, ring counter, 3 kc synchronizing sub-carrier and gated 4 kc sub-carrier.
- Two control sticks: left hand provides control of elevator and rudder — right hand operates aileron and motor. As an option, system may be purchased with left hand providing rudder and motor and right hand, aileron and elevator.
- Rechargeable 12V NiCad battery pack. Charger for transmitter and receiver-servo power supplies is integral in the transmitter can.

RECEIVER AND SERVOS

- Size: 3" x 1-1/2" x 2-3/16". Weight: 4-1/2 oz.
- Superhet RF section employs 5 transistors. RF stage forward AGC and special circuitry is provided to eliminate cross-Modulation.
- A crystal filter is employed to provide excellent bandpass characteristics.
- All transistorized logic and filter network. No mechanical switching is used.
- Servos are assembled from Bonner parts and are installed in standard Bonner servos. Wire-wound feedback pots used for long, trouble-free life. 7 transistor servo amplifiers. No current drain in absence of stock movement.
- Battery pack is a special rechargeable type and has a life approximately the same as if used with relayless reed systems.
- Total installed weight including receiver, batteries, servos, plugs, harness, etc.: 25 ounces.

PRICE:

\$499⁹⁵



The Kraft Proportional System is complete with transmitter, receiver, rechargeable battery packs, charger, and four servos. No wiring is necessary.

KRAFT CUSTOM RADIO CONTROL

2519 LEE AVE. • SOUTH EL MONTE, CALIF.

Unfortunately, the complexity and high manufacturing costs of this system makes it impossible to sell at this time through our many good dealer friends. Order Direct. Include bank money order or certified check. California residents add 4% sales tax. Include \$5 for postage and handling.

The Reader's Digest Version of Membership Requirements for the SNHRCC

To be a member of the SNHRCC, and fly “legally” at Wagner Field there are a few requirements.



First, you must belong to the Academy of Model Aeronautics. AMA membership provides you (and the club) with liability insurance in the event of an accident. No AMA? No Fly!



Second, you must be a current member of SNHRCC. The club dues are based on a calendar year, and there is a membership renewal form in this newsletter. You can print it out, fill out the required information and mail it in to the Treasurer with a check.



In recent years, the FAA has gotten involved in our modeling lives. We're now required to register our “drones”, either for sport and recreation purposes, or with a Part 107 license (for commercial purposes) which requires a written test. You can complete the registration at www.faa.dronezone. There is a one-time \$5.00 fee, and the registration is good for 3 years. The FAA will issue you a registration number, which you can use for all of your models. The number is supposed to be displayed on each of your aircraft.



The AMA is an FAA approved Test Administrator of the The Recreational UAS Safety Test. 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. It is quite simple if you watch the slides, and it is all common sense stuff. You will need to keep a copy of the certificate with you when flying.

**Complete These Four Items and You are
“Good To Go” for another year’s Flying!**

SOUTHERN NH RADIO CONTROL CLUB

2024 MEMBERSHIP APPLICATION

Name: _____

AMA#

Address: _____

City: _____ St: _____ Zip: _____

Field key#

Home Phone: _____

Cell Phone: _____

Email: _____

Normal Renewal Period
October Meeting Thru February Meeting

Fees (check all that apply)

Current members:

___ Adult - Normal Renewal Period 80.00

___ Junior 5.00

New Members (sponsorship required):

___ Adult 90.00

___ Junior 5.00

Sponsors Signature

Membership Agreement

I recognize a model airplane is NOT a toy, and must be operated at all times in a safe manner.

I agree not to hold the Southern New Hampshire Radio Control Club, Inc. and my instructor, if I am receiving instruction, responsible or liable in any way for injury, loss, or property damage I may suffer due to any reason, including but not limited to pilot error or mechanical failure.

I agree I will not fly at any SNHRCC field or event without an active instructor until I have been approved for solo flight.

I certify I have read the Academy of Model Aeronautics "National Model Aircraft Safety Code" and agree to abide by its terms and conditions at all times. **New prospective members must attend the monthly meeting to introduce themselves prior to the membership vote of acceptance.**

I understand that there is no dumping of any kind at the facility.

Signature

Parents signature (if under 18)

Payment Information

Cash or check #

Payment amount:

Payment date:

Make check payable to SNHRCC

Include a self-addressed, stamped envelope

Mail to:

SNHRCC
c/o Ed van der Veen
9 Newton Street
Hudson NH 03051

Proof of AMA

**Attach photocopy
of AMA
membership card**

NO AMA CARD = NO MEMBERSHIP CARD
NO MEMBERSHIP CARD = NO FLYING!



SNHRCG 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.**