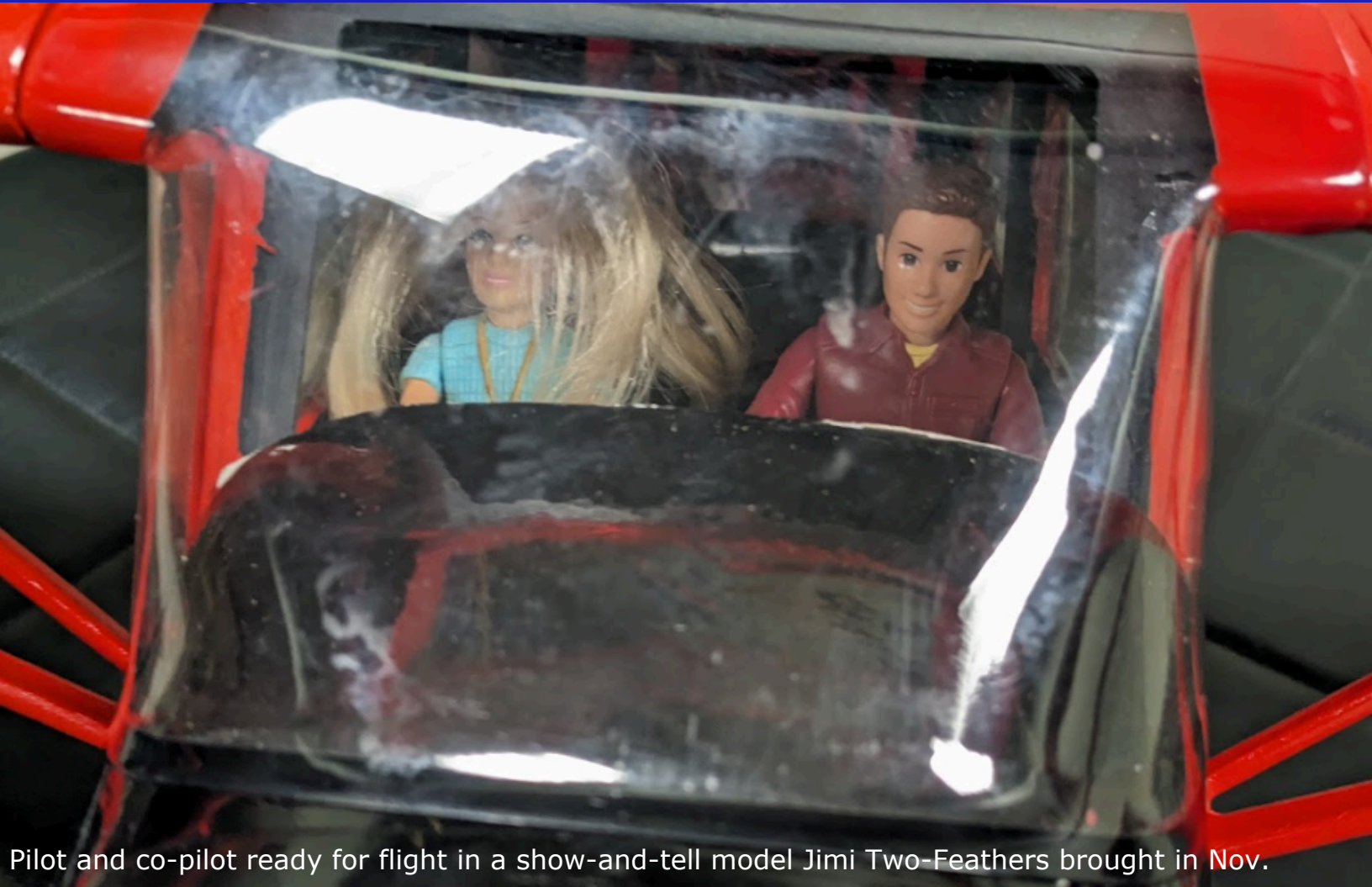


Charles River Radio Controllers

Flight Log

December, 2023



Pilot and co-pilot ready for flight in a show-and-tell model Jimi Two-Feathers brought in Nov.



November Meeting:

Wednesday, December 20th, 7:30PM

In Person at

Goodnow Library, Sudbury

President's Message



Dear CRRC'ers -

For those of you who attend our annual meeting in November, this won't be news, but this will be the last Presidential Address from me, your lame duck president. Beginning in January, we can all look forward to the presidential leadership of Joe Sicree. If you see him, please make sure to say hello and wish him luck. He's a great guy, and he will be an excellent addition and benefit to our club's board of directors.

Other changes in your board of directors: John Epling replaces Scott Ritter as Ex Officio and Raffle Chairman, Adam Smith will be our new Membership Secretary, and I'll assist the club next year as Newsletter Editor. I'm so sorry that you won't be able to get away quite yet from hearing from me in this newsletter each month!

Our December meeting will be on the 20 th at 7:30pm at Goodnow. Our special guests this month are the Concord-Carlisle High School FIRST Robotics team (<https://team-3205.github.io/>), who will be bringing their robot's drive base for a demo and discussion. Please come out and enjoy this opportunity to engage with these young engineers and learn about how they combine software, electronics, and hardware to create their robots.

Looking ahead, we'll be having our annual Frozen Finger Fun Fly on January 1st . Watch the mailing list for details.

Fly Well, and Farewell,

- Mike Whidden, CRRC President

December Meeting - Wednesday 12/20

Our next general meeting is scheduled to be ***in-person at Goodnow Library, Sudbury*** on **Wednesday, December 20th, at 7:30PM.**

As mentioned above, we'll be hosting the Concord-Carlisle FIRST Robotics team for a demo of their mobile robot platform.

Club meetings are open to the public, we welcome visitors and guests to learn about model aviation and CRRC!

Meeting Raffles

The November meeting raffle saw Mike Whidden take home a BNF ParkZone Archer, Jimi Two-Feathers landed a C-147 model, and Bert Cohen's tickets were turned into a mustache brushless motor with prop.



2024 Board / Officers

The club officers / Board of Directors for 2024 were elected at the November meeting. Joe Sicree will assume the mantle as club President, joined by the following hardy souls:

Vice President - Dan Sullivan
Membership Secretary - Adam Smith
Recording Secretary - Roger Silva
Treasurer - Dave Marshall
Chief Instructor - Dick Williamson
Newsletter Editor - Mike Whidden
Webmaster - Shawn Silva
Ex Officio & Raffle Chair - John Epling
Safety Coordinator - Jimi Two-Feathers

Please give these folks your support in the coming year - as well as our event and Contest Directors - and consider whether you could contribute some of your time to the club. We run entirely on volunteer energy!

- Adam Smith



Jimi Two-Feathers brought this neat recently acquired model to the November meeting.

Foam Hinge Repair

When was the last time you tugged on the rudder to make sure the hinge was secure? Probably a long time ago. As planes get use, more things happen to compromise linkages. I decided to check the hinge on my E-flite foam T28. I pulled it lightly and it started to tear on the hinge line. Time to do a repair!

The best way to take care of a weak hinge is to separate the rudder completely from the stabilizer. It doesn't take much force and that's why I knew it was the right thing to do.

To fix this hinge I decided to use Foam-Tac. There's a great video on this and I'll demonstrate it for you here. Link at the end of this article. Removal of loose tape, glue and paint is crucial. Easy enough to do with a good tweezers or pliers. I was lucky the foam stayed together well or I would have removed the loose bits.



Beacon Foam-Tac at the ready

Dry-fit the rudder to make sure you know how it fits. You can remove the control linkage too. I was lazy and did not. Have clean hands unless you like black hinge lines.

Apply a bead of Foam Tac to one side of the hinge joint evenly. Squish the two pieces together. The glue will wet both sides. Now pull the two pieces apart and repeat until the glue becomes thicker and stringy. Now separate the pieces one last time. Let the glue sit for one to three minutes to dry. The rudder can now be pushed in place and left to harden.



An even bead of glue applied to rudder



A good and stringy joint

Remove excess glue that blocks the rudder from swinging. I used a popsicle stick to smooth or remove excess. Let it sit for a few minutes. After the glue has dried for at least five minutes, you can manipulate the hinge to make sure it works and swings easily. When you think its dry, give a tug and you'll find the hinge is quite strong.



- David Spielman



See the YouTube video David refers to, at:
https://youtu.be/L3fmdBeeNqo?si=KCWijE_98yuV4WAU

FAA Registration

Please remember to visit <https://faadronezone.faa.gov/#/> to check and renew your FAA registration ID. Also, beware some commercial entities who are claiming to process registrations - often for increased prices. The FAA charges \$5 for a three-year registration, or extension.

Check your registration when you mark each new plane/drone, so you don't miss a renewal!

TRUST Test

The FAA has authorized several organizations including the AMA to administer the knowledge and safety test required by congressional action.

You are now required to show proof of passing the test (along with your FAA ID number) to law enforcement or FAA representatives upon request.

The test is free and can't be failed! Take it at:

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

CRRC Membership Renewal

Support CRRC by renewing your annual membership! See the last page, or contact Adam Smith (membership@charlesriverrc.org). Ages 75 and over, and under 19, are free for CRRC membership (AMA membership required to fly at fields/events, and discounted for juniors). Sixty-and-over receive a \$10 discount. Donations to the club are always welcome.

Membership dues paid before March 1st receive a \$5 discount, renew now!

Make sure you have a current card to bring to in-person meetings and get a free raffle ticket!

Club Information

Officers - 2024

President

Joe Sicree

[president at charlesriverrc.org](mailto:president@charlesriverrc.org)

Vice President

Dan Sullivan

[vicepresident at charlesriverrc.org](mailto:vicepresident@charlesriverrc.org)

Treasurer

Dave Marshall

[treasurer at charlesriverrc.org](mailto:treasurer@charlesriverrc.org)

Membership Secretary

Adam Smith

[membership at charlesriverrc.org](mailto:membership@charlesriverrc.org)

Recording Secretary

Roger Silva

[secretary at charlesriverrc.org](mailto:secretary@charlesriverrc.org)

Webmaster

Shawn Silva

[webmaster at charlesriverrc.org](mailto:webmaster@charlesriverrc.org)

Newsletter Editor

Mike Whidden

[newsletter at charlesriverrc.org](mailto:newsletter@charlesriverrc.org)

Chief Instructor

Dick Williamson

[chiefinstructor at charlesriverrc.org](mailto:chiefinstructor@charlesriverrc.org)

Safety Coordinator

Jimi Two Feathers

[safety at charlesriverrc.org](mailto:safety@charlesriverrc.org)

Raffle Chairman

John Eppling

[exofficio at charlesriverrc.org](mailto:exofficio@charlesriverrc.org)

Instruction

To inquire about instruction please call the Chief Instructor, Dick Williamson.

Types of instruction

B = Building

G = Glider

E = Electric

F = Fuel

H = Helicopter

Q = Quadcopter/
Multirotor

Dick Williamson - B,G,E
Sudbury - 978-618-5475

David Spielman - B,E
dspielma (at) gmail.com

John Weigel - B
Natick - 508-655-2138

Richard Gammon - B,G,E,F
West Boylston -
508-835-2049

Ken Antonellis - G,E,F
Natick - 508-653-8369

Lincoln Ross - G,E
Waltham - 781-891-0332

Dave Walter - G
Hudson - 978-562-5400

Jon Leehey - F
Wayland - 508-358-5721

Tony Davids - H
Stow - 978-568-9598

Scott Ritter - Q
Sudbury - 978-443-2373

General Info

Flying Sites

Go to charlesriverrc.org and select the Flying Sites tab to see the various sites. CRRC reserves time seasonally on Davis Field in Sudbury, and shares Bill Martin Field in Medfield with the MMAC.

Keys to Medfield /

Bill Martin Field

To get a key for Bill Martin Field in Medfield please email key-master Ken Antonellis at kxa@verizon.net.

The key for 2023 will be updated in late April by MMAC. Keys may also be available at the monthly meeting. A \$5 deposit is required the first time you receive a key.

Tree Climbers

Tom Hurney
508-272-7489

Scott (Sudbury)
508-203-3845

Stephen Canessa
The Tree Guy
978-460-1000

Hartney Greymont (Medfield)
Sean Comer
781-444-1227
thescomer@gmail.com

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Membership Application - 2024

Name					
Street					
Town		State		Zip	
Telephone			Email		
AMA No.			Birth Date		
I agree: []	Club membership and activities are bound by the CRRC handbook, available at: http://charlesriverrc.org/newsite/Documents/CRRC%20Handbook%202020.pdf				

IMPORTANT: You must be an Academy of Model Aeronautics member to join CRRC.
AMA Jr membership is discounted! <http://www.modelaircraft.org/membership/youth.aspx>
 By submitting this membership application you agree to comply with the AMA safety code,
 including documents 550 and 560 found at: www.modelaircraft.org/documents.aspx

To receive a membership card, bring this application to a club meeting or
 mail to the membership secretary:

Adam Smith
Membership Secretary CRRC
460 Main Street, Acton, MA 01720
membership@charlesriverrc.org

You may pay by check or use PayPal.

Make **checks** to **Charles River RC**, or send **PayPal** to the email above.

Member category	Before March 1, 2024	After March 1, 2024
OPEN Member	\$60	\$65
SENIOR member If age 60 before July 1st	\$50	\$55
SENIOR member If age 75 before July 1st	Free if AMA member <i>(Voluntary donation appreciated - e.g. \$50)</i>	Free if AMA member (Voluntary donation appreciated - e.g. \$50)
JUNIOR Member Under 19 before July 1st		
NON-FLYING member If age 75 before July 1st	<i>(Voluntary donation appreciated)</i>	(Voluntary donation appreciated)
Full time STUDENT	\$40	\$45
Family member additional to OPEN membership		
<i>Additional / optional donation (supports field rental)</i>	<i>Voluntary \$10 / \$25 / \$50 / etc</i>	