

Charles River Radio Controllers

Flight Log

March, 2022



March Meeting:

Wednesday, March 16th, 7:45 PM

via Zoom / Online

(details via mailing list)

President's Message

Dear Members,

Following my own advice from last month's newsletter, I took advantage of a beautiful sunny morning after a snowfall to get some flying in, and as you can see in the photo below, promptly found my craft lodged in a very tall tree. Fortunately, I was able to dislodge it using the tried-and-true "wiggle the sticks randomly" method, and I was soon back on the ground.



Spring is around the corner, and that means we'll be flying regularly very soon. Expect to hear about our April field cleanup at Davis in the near future.

The second monthly District 1 Zoom meeting took place late in February. Although I was not able to attend live, I did watch the entire recorded replay, and have these notes to share with you:

- AMA Government Affairs Director Tyler Dobbs was the guest speaker
- The FAA advisory circular that defines how the FAA will approve CBOs was delayed, but is expected in the next couple of months.
 - AMA will certainly be recognized as a CBO, but AMA expects that some educational institutions (notably, the University of California intends to file as a CBO to support their own UAS program).
- RemoteID goes into effect September of 2023
- The FAA will begin accepting FRIA applications in September of 2022. AMA will facilitate every existing AMA field being recognized as a FRIA.
- AMA will be working with a RemoteID module developer to test the RemoteID broadcast modules.
 - The current prototype module is the size of a business card and nearly as thick as a deck of cards! Clearly too large of most applications. However, the developer intends to reduce that size before production. Estimated cost is \$50.

Don't forget to join our March meeting via Zoom on March 16th at 7:45pm. Details will be shared on the groups.io mailing list.

Fly well,

- Mike Whidden, CRRC President



March Meeting - Online via Zoom

Our next general meeting is scheduled to be **online via Zoom** on **Wednesday, March 16th, at 7:45PM.**

We had hoped to mix in-person and virtual meetings this winter, but for the moment online seems wise. Stay safe and in touch via Zoom - reach out to the BoD if you need help connecting.

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

The information to join the Zoom meeting will be distributed via the Groups.io email list before the meeting.

Soliciting Newsletter Content

Do you have something to contribute? An article about a recent build or a flight with a new model, a picture from a day out flying (recent or remote), or a memory of a favorite club meeting or event would all be appreciated by readers. It just takes a bit of initiative for any of us to share something.

As an extra incentive, if content that you send in is used in the Newsletter this winter, you'll get a free entry in the next raffle held!

- Adam Smith, Newsletter Editor

Performance Sailplanes!

One thing about the pandemic and staying home a lot more is you can do in depth internet shopping and comparing products. When asked who carries F5B sailplanes, I knew how to find some good ones and share my experience.

A great starter sailplane is the Parkzone or Eflite Radian. Neither is available any more to purchase new, but I know how to make the Eflite Radian - if you are willing to do a little work. The fuselage, wing, clear canopy, and decals are available at Tower Hobbies and many Eflite dealers. A replacement motor that's lighter and more powerful is the Twisted Hobbies 2814-1050 kv, and it's a drop in replacement. The horizontal stabilizer may be available from eBay, but can easily be made from stiff 6mm foam board (like Depron), add a carbon fiber flat strip, and cover with Ultra-cote. Upgrade the servos and speed control and pick your own receiver. Hitec's HS-82 servos fit well. A 50mm turbo style aluminum spinner with an Aeronaut or Graupner 10x6 prop finishes the shopping list.

The shopping can be the toughest part of the job. Your practice building Flite Test kits has prepared you for making the horizontal stab. Elapore foam board is a good stiff foam for the horizontal stab and elevator.



Ready to step up to a performance glider? Here are some suppliers that sell some top performing planes, not all being top price.



The Yellow Jacket kits from Sonora laser arts use the Mark Drela's AG airfoils we are familiar with on the Allegro Lite and Bubble Dancer. Yellow Jackets are much easier buy and build than the Bubble Dancer. There's also less variability in weight than the original designs. You get a complete, well-fitting laser cut kit with the Yellow Jackets. Accessories are available from Aloft Hobbies including the recommended motor, speed controller, servos, prop and spinner. The best covering for this is Ultra Cote lite or Oracover.

<https://sonoranlaserart.com/>

Aloft Hobbies has an expanding selection of ARF models and cost effective motors for sailplanes. The Top Model and Dualsky canned outrunner motors are excellent. I have both. The tricky part is selecting the correct size motor. You don't need overkill. <https://aloft hobbies.com/>





Clm Pro has a 2 meter plane that looks pretty good. Aloft sells some of their items. Anker purchased some fuselages direct and they came well packed. I purchased a fuselage and pre made tail pieces which were light and nicely made. The larger yellow jacket uses a Clm Pro fuselage. I believe if you spend more than \$250, CLM-Pro ships for free.

<https://www.clm-pro.com/store-detail/models/arf-1>



Esprit Model has a good selection of sailplanes, some the same as Aloft Hobbies. Top Model is the brand carried at both Aloft and Esprit Model. I've purchased motors, spinners and other items from Esprit Model. They sell the Graupner 10x8 gear prop used to upgrade the Parkzone Radian performance. The original Radian prop used to break and the Graupner added another level of power without overloading the motor.

<https://www.espritmodel.com/airplanes-sailplanes.aspx>



Soaring USA is the place to go if you want the latest greatest planes. Many club members purchased their Explorers here. There is a great selection here. You may find the Dualsky motors fit in some of these which will reduce the cost of ownership significantly. <https://www.soaringusa.com/>



- Article by David Spielman

Many thanks to David for this informative article. He also shared this picture of his new "hangar" in FL. Nice work, David! -Ed.

"This is my fun space! Setting up a new airplane hanger with a sign so I know this is my space, and a couple of really big props for fun. I picked up the props at a local swap meet last weekend."



COVID Updates

CRRC requests all members to follow state guidelines and any location- or facility-based requirements at all fields & meetings.

Update: January 2022 - CRRC has not received specific guidance from the Town of Sudbury recently. Please continue to be aware both of state & local guidance and requirements each time you fly, as well as considerate of the health and preferences of those around us, as the situation with Omicron or other major variants evolves.

Membership Renewal

Support CRRC by renewing your annual membership! See the last page, or contact John Eppling (membership@charlesriverrc.org).

You may have missed the winter discount, but there's so much to look forward to this year! Renew for summer events with your new card.

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 forget!

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/>

Club Information

Officers - 2022

President

Mike Whidden
[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

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

Recording Secretary

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

Webmaster

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

Newsletter Editor

Adam Smith
[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

Scott Ritter
[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](mailto:dspielma@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 the

Bill Martin Field

To get a key for Bill Martin Field in Medfield please email Ken Antonellis at kxa@verizon.net. Ken is the key-master. The key for the 2021 season is key #15. Ken may have keys at the 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

Membership Application - 2022

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 Junior membership is free! <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:

John Eppling
Membership Secretary CRRC
43 Nylander, 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, 2022	After March 1, 2022
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		
Additional / optional donation (supports field rental)	Voluntary \$10 / \$25 / \$50 / etc	