

Charles River Radio Controllers

Flight Log

January, 2021



CRRC Members enjoyed the best conditions in recent memory for the Frozen Finger Fun Fly 2021



Next Meeting:

Wednesday, January 20th, 2021

7:45PM

—>> Online via Web Conference! <<—
(invitation will be sent via email list)

President's Message

Dear Members,

Welcome to my first president's message. After the inauguration ceremony concluded, and I had accepted my solemn duty to faithfully uphold the office of president, and to preserve, protect and defend the charter of our club, I immediately traveled by Station Wagon One to Davis field for our first club event. The wildly successful Frozen Finger Fun Fly on January 1st brought an auspicious start to 2021. The warm sun, tolerable temperatures, calm winds, gentle lift, and pleasant folk made for a memorable day. Over a dozen masked fliers attended, and I'm sure at one point there were over a half-dozen aircraft of all sorts in the sky. The MMAC held their FFFF on January 3rd, and I had the opportunity to see Bill Martin Field for the first time, finally replacing my mental image of the infamously flood-prone road and ambulance-wounding parking lot with something more realistic. I hope to fly there in the near future.



Just this week I found this timeless and apropos tweet sent some time back by one of our most forward-looking founders.



Benjamin Franklin
@TheRealBenji



Radio-controlled aircraft are not the problem. The FAA is not the solution to the problem. Engaged model aviators are the solution.



Of course, this is a fake tweet. The true news is that the FAA has released the final version of the Remote ID rule. The consensus of the community is that it is a more palatable rule than had been originally been proposed, but certainly not as good as we would have liked. Many, though certainly not all, of our comments to the FAA on the NPRM resulted in positive changes. I'm grateful to those of you who made yourselves heard, and to the AMA for their efforts.

On January 4th, the District I and II Vice Presidents, along with the AMA's Executive Director and Government Affairs Director, hosted a virtual meeting to review Remote ID, which was open to all. It made me smile to see several of our own club members in attendance, and interacting with AMA leadership with questions and comments on the rule.

Be sure to review the summary of the rule included in this newsletter. Finally, we've added a few new members recently, so I say "Welcome!" to Alexander, Zachary, Chris, Brent and William. We are happy to have you!

Fly well,

- Mike Whidden, President



Final Remote ID Rule - Summary

The FAA Rule on Remote ID requires all civilian model aircraft weighing over 0.55 pounds (250 grams) to either broadcast “in the blind” certain GPS data and a serial number, or to operate only within an FAA-recognized area, known as a FRIA. The rule goes into effect September 1, 2023.

- All new RTF aircraft manufactured after August 26, 2022 will have hard-wired equipment to broadcast the aircraft’s takeoff location and altitude, current location, altitude and velocity, and serial number. The serial number will be registered with the FAA and tied to the pilot’s FAA registration. The aircraft will not take off unless the broadcast is active, although there will be a bypass available for indoor flight.

- All home-built, ARF or older RTF aircraft operated outside of a FRIA must be retrofitted with an on-board module to broadcast the aircraft’s takeoff location and altitude, current location, altitude and velocity, and serial number. The serial number will be registered with the FAA and tied to the pilot’s registration. The same module can be used in multiple aircraft. The FAA estimates the cost of the module to be between \$20 and \$50, and the AMA expects them to be “stamp-sized”.

- Aircraft that have neither a built-in nor a retrofitted module can only be operated in a FRIA. FRIAs can be requested by the AMA any time after August 26, 2022, and they must be renewed every 48 months. The AMA expressed their intent to handle as much of the burden of registering existing flying sites as they can.

The upshot is that if you fly exclusively at Davis and/or Bill Martin, things shouldn’t change much for you once those sites become FRIAs. If you want to fly elsewhere, you will need to add a Remote ID broadcast module to your aircraft.

The AMA has stated that FPV operations within line-of-sight using a co-located spotter will continue to be permitted.

Beyond-visual-line-of-sight (BVLOS) operations will only be permitted for aircraft with manufacturer-installed Remote ID broadcast equipment.

Groups.io Member Directory

To set your CRRC-specific profile, log in to groups.io with your registered account, and then go to <https://crrc.groups.io/g/crrc/editprofile> (or click Directory at the left, then click on your name, then on Edit Group Profile). You can upload a profile picture, fill in other info to share in the "bio" space, etc. Make sure you set the "Profile Privacy" drop-down to your desired level: "Other members of your group" means that registered CRRC see it.

Newsletter Content

Do you have a recent build that you haven't been able to share since you're stuck at home? A flying (or let's face it, *crashing*) story that everyone needs to hear? Pictures from that perfect day at the field? Send them to newsletter (at) charlesriverrc.org to be included in the Newsletter next month! We can always use more and different content.

- Adam Smith, Newsletter Editor

No Raffle :(

We'll be holding off the raffle for now, in hope of being able to do it at an in-person meeting soon!

Bill Martin Field Keys

Key# 15 was in use in 2020 for Bill Martin Field in Medfield.

Ken Antonellis continues to serve as the CRRC key-master, so please get in touch with Ken if you need a key.

COVID Protocols & Davis Field Waiver

COVID-19 has imposed mask-wearing and minimum 6-foot distancing rules when sharing public spaces. CRRC requests all members to follow state guidelines at all field or meetings, and maintain safe and healthy practices for our own and other members' sakes, as well as for the sake of other users of our shared fields.

Sudbury Parks and Recreation has asked for all participants in Davis Field activities (our rental of the field counts) to sign and return a waiver of liability in return for access to the field. Please see the club email list for a copy of the form and further details, if you come to Davis Field. The form can be signed, scanned, and sent to David Speilman at exofficio (at) charlesriverrc (dot) org.

FAA Registration Renewal

As noted recently on the club mailing list, if you registered with the FAA as a Recreational Flyer in 2016 when they launched the program, **your registration is probably expiring in December**. Please remember to visit <https://faadronezone.faa.gov/#/> to check and renew your registration. You should be able to Log In, then click the "Dashboard" for Recreational Flyers and see your FAA registration number and expiration date. Click the "Renew" button under your number/date/address details to renew.

Also, beware some commercial entities who are claiming to process registrations - often for increased prices. Go directly to the [FAA.gov](https://www.faa.gov) site - the fee is \$5 for a three-year registration / or extension from your existing expiry.

This is also a good time to make sure that your FAA number is on all of your (flyable) planes and copters!

This Month's Meeting

Our next general meeting is scheduled for **Wednesday, January 18th, 7:45PM**. Once again ***we will hold the meeting virtually using Zoom conferencing.***

CRRC Member Jeremy Harkin will give a talk and show-and-tell about his construction of a beautiful scratch-built triplane!



Instructions to join the session will be sent to the Groups.io mailing list a day or two before the meeting. We all hope to be able to resume in-person meetings soon, but meanwhile let's enjoy a different form of connection!

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

For access instructions regarding online meetings, please contact a member or email webmaster@charlesriverrc.org

Club Information

Officers - 2021

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 (vacant)

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

Webmaster

Joel Foner
[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

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

Raffle Chairman

David Spielman
[xofficio at charlesriverrc.org](mailto:xofficio@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 the [CRRC Website](http://www.charlesriverrc.org) and select the Flying Sites tab to see the various sites. The site page will give current weather and site information.

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 2020 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

Lloyd Keyes(Wayland)
 508-358-9197 or
 508-341-0110

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 - 2021

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, 2020	After March 1, 2020
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 (Voluntary donation appreciated - e.g. \$50)	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	(Voluntary donation appreciated)	(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	