Charles River Radio Controllers

Flight Log

July, 2019



Next Meeting:

Saturday, July 13th, 2018 - 9:00AM

Davis Field, Sudbury

Summer Message

Hello CRRC'ers -

It being summer, there typically isn't a lot of news or meeting minutes to stock the newsletter. What we do have are great events - in fact, something to do, watch, or help out with practically every weekend from early July through late August. Pictures from the wonderful Fourth of July Demos event at Davis are enclosed here, and details of later-summer events held or recommended by the club. If you're not flying in one of the contests, consider volunteering to help them run well - contact the Contest Directors as listed at charlesriverrc.org to see what's needed.

A brief version of the upcoming schedule (also available on the web site) follows:

- Saturday, July 13th, 9AM: Field Meeting at Davis Field
- Saturday and Sunday, July 20th and 21st, 9AM: Altitude Limited Electric Soaring Contest at Davis Field
- Saturday, July 28th: MMAC Fun Fly at Bill Martin Field, Medfield
- Saturday and Sunday, August 3rd and 4th: CRRC Soar-In Contest (info and registration at flyesl.com) at Davis Field
- Saturday, August 10th, 9AM: Radian Single-Design Contest at Davis Field
- Saturday, August 17th: Bristol County RC Float-Fly at Mary's Pond, Rochester, MA
- Saturday, August 24th, 9AM: Field Meeting at Davis Field

For a couple of "different" events, the MMAC newsletter also mentions these: "The South Shore R/C Club has already sent me their post card informing us of their event schedule. They will have their RC Scale Airplane Fly-in on Saturday, August 10, rain day 8/11. The will do their annual Bill O'Donnell Memorial Multi-club Fly-in on September 28, rain day 9/29."

Please note that the July meeting is on the *second* Saturday of the month, and the August meeting is on the *fourth* Saturday, due to the rest of the event schedule.

- Adam Smith, Newsletter Editor

AMA Safety Code

As a reminder to our members, it is at least as important as ever to review and fly in accordance with the guidelines established by AMA, including the brief Safety Code (https://modelaircraft.org/sites/default/files/files/105.pdf) and other more extensive documents at modelaircraft.org.

Academy of Model Aeronautics National Model Aircraft Safety Code
Effective January 1, 2018
A model aircraft is a non-human-carrying device capable of sustained flight within visual line of sight of the pilot or spotter(s). It may not exceed limitations of this code and is intended exclusively for sport, recreation, education and/or competition. All model flights must be conducted in accordance with this safety code and related AMA guidelines, any additional rules specific to the flying site, as well as all applicable laws and regulations. As an AMA member I agree:

- *I will not fly a model aircraft in a careless or reckless manner.*
- *I will not interfere with and will yield the right of way to all human-carrying aircraft using AMA's See and Avoid Guidance and a spotter when appropriate.*
- *I will not operate any model aircraft while I am under the influence of alcohol or any drug that could adversely affect my ability to safely control the model.*
- *I will avoid flying directly over unprotected people, moving vehicles, and occupied structures.*
- *I will fly Free Flight (FF) and Control Line (CL) models in compliance with AMA's safety programming.*
- *I will maintain visual contact of an RC model aircraft without enhancement other than corrective lenses prescribed to me. When using an advanced flight system, such as an autopilot, or flying First-Person View (FPV), I will comply with AMA's Advanced Flight System programming.*
- *I will only fly models weighing more than 55 pounds, including fuel, if certified through AMA's Large Model Airplane Program.*
- *I will only fly a turbine-powered model aircraft in compliance with AMA's Gas Turbine Program.*
- *I will not fly a powered model outdoors closer than 25 feet to any individual, except for myself or my helper(s) located at the flightline, unless I am taking off and landing, or as otherwise provided in AMA's Competition Regulation.*
- *I will use an established safety line to separate all model aircraft operations from spectators and bystanders.*

For a complete copy of AMA's **Safety Handbook** please visit: modelaircraft.org/files/100.pdf

For additional safety documents (and many more enlightening topics), visit:
https://www.modelaircraft.org/documents

Fourth of July Demo Day

The Fourth of July demos at Davis Field were well-attended this year both by club members and guests. As in past years, the kids enjoyed a simulator and foam-plate glider building, while kids and adults alike explored the display models and watched many "demo flights". There were also at least three buddy-box setups in use for flight lessons, with many training flights accomplished, and frequent quad-copter flights with a tripod-mounted display and FPV visors passed around. Meanwhile sailplanes launched from the winch and discuss-style, powered planes of many sizes zoomed, and a brief two-plane streamer combat raised a cheer for TEAM BLUE!














XT2








MODEL
AIRPLANE
CONTEST
TODAY





July Fourth Demo Day photos by Dave Walter and Adam Smith







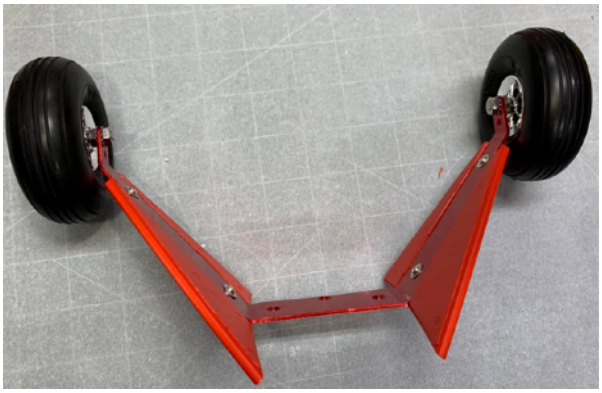
Repair It - Better Than New!

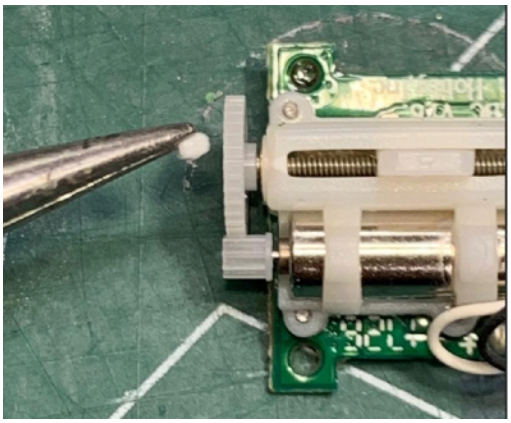
Don't throw out your plane after a crash! It's not always as bad as it seems, especially if it's a foam plane. The key is to save everything no matter how small, bring it home, and phone a friend.

I repaired a bunch of foam planes for people this year using Beacon Foam Tack, Foam Filler and Foam Finish. I enjoyed the challenge and the reward of saving a pilot's valued plane.



The wings on this Pitts were torn off, the landing gear bent and the wheels undersized and shrouded with wheel pants. No way could the plane fly off of Davis Field. Straighten out the gear, fit 75mm wheels, steam out the fuselage wrinkles, replace servos and cement in the wing supports and you have a near new Pitts.





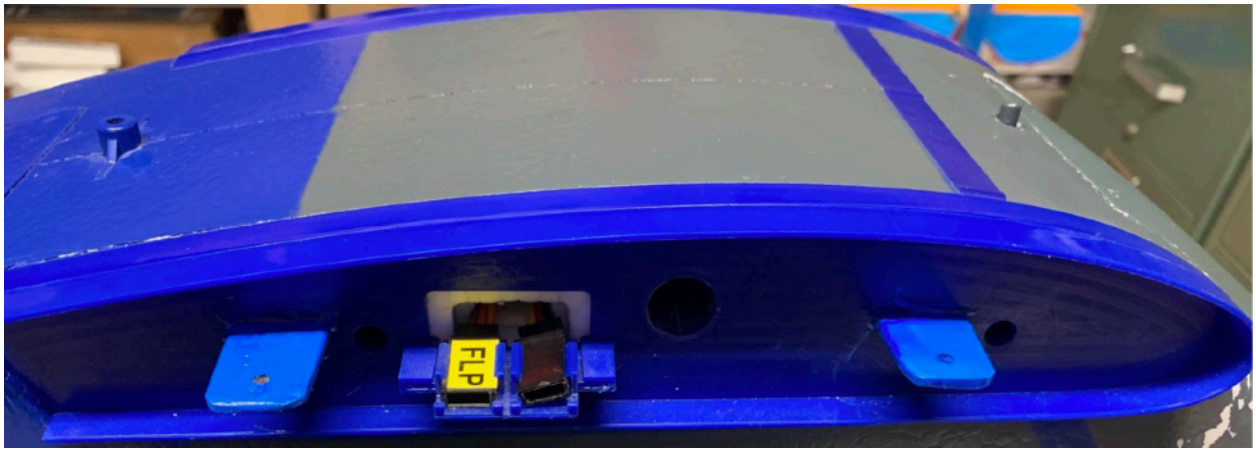
Sometimes the factory makes mistakes. In this case, a drop of silicone cement from the gluing process got on the gear. A magnifying glass revealed the defect only after replacing the servo. Hint, don't use a water based cement because the PC board has exposed circuits. I made the mistake of testing before the cement dried and had to wait a day Eflite I was rewarded with a working servo.



This Consendo had a bad break, but was repaired with Foam Tack and some high quality packing tape. A hidden defect caused the rudder servo horn to rub on its support which rendered the rudder useless. I removed the servo retainer platform, sanded the offending side and it worked fine. It flies better than new.

This Hobby King Clouds Fly glider was almost discarded, but was easily repaired with the Beacon adhesive and fillers. The fuselage was broken in three pieces held together with pushrods and motor wires. Steaming the foam took out major dents and straightened the fuselage. A new canopy was fashioned with a 3mm sheet of Elepore foam, piano wire and tape.





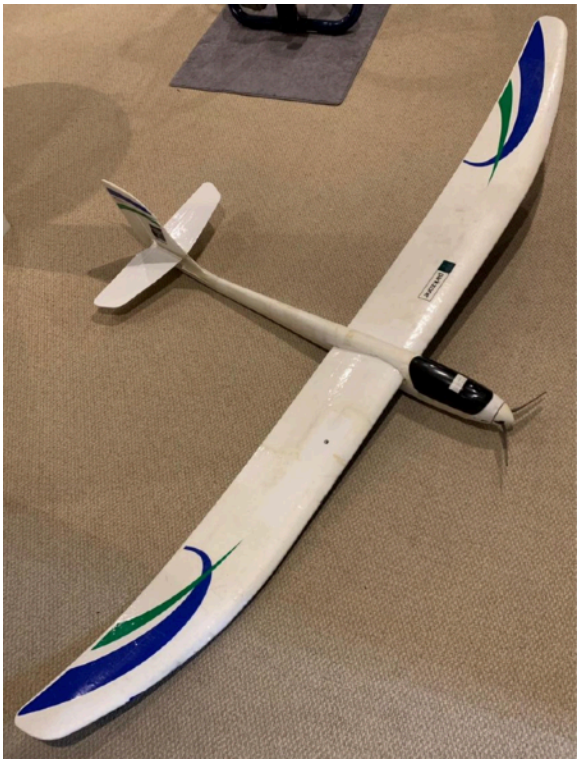
This Carbon Z Cub had some fuselage damage and needed some new foam features and wing retainers along with servo replacement and a new wing. The old wing could be repaired, but with such a big plane it's worth the security of a new one.

This well loved Radian was repaired and spruced up with Beacon Foam Tack, filler and finish. Foam finish over a two layers of 3/4 ounce fiberglass stiffened weak areas. New packing tape reinforcement firmed up the fuselage and added color too. Steaming took out deep dents.



Knowing how to repair a plane well takes away some of the rear of flying. Being a member of a club gives you access to knowledgeable friends. Go CRRC!

- David Spielman



Summer Events

Altitude-Limited Electric Soaring (ALES) Contest - July 20 & 21



Charles River Radio Controllers

ALES Electric Soaring Contest
Saturday and Sunday
July 20 & 21, 2019
Davis Field Route 117, Sudbury MA
Expert & Sportsman Classes
Electric motor equipped gliders with soaring circuit set to 200M

Awards for 1st though 3rd places in each class
Entry fee: $25 per day includes lunch and drinks
Registration on www.flyesl.com and at the field: 8 to 9AM.
Pilots meeting: 9:05AM

For more information or to register, contact CDs David Spielman & Dan Sullivan
exofficio@charlesriverrc.org

CRRC Soar-In Contest - August 3 & 4

Charles River RC proudly hosts the (mostly) annual Soar-In winch-launched glider contest, this year for the 45th instance, and the second held in memory of Fritz Bien.

SITE: DAVIS FIELD, SUDBURY ROUTE *117* (¼ mi east of Dakin Road)
SANCTIONS: AMA and ESL Sanctioned Contest
CDs: Anker Berg-Sonne and Chris Schuch
AWARDS: Expert And Sportsman Through 3rd
FIRST TWO-DAY OVERALL
TASKS: Man-on-man DURATION with L-4 LANDING BOTH DAYS weather permitting.
FOOD: Lunch at the Field. Free to contestants and helpers
Frequency Control: 1 flyer/freq (72 MHz)

SCHEDULE:
Check-In 8:00AM; **Pilot's Meeting** 8:45AM; **First Flight** 9:00AM

REGISTRATION: $25 per day, $50 for both days. Please pay at field.

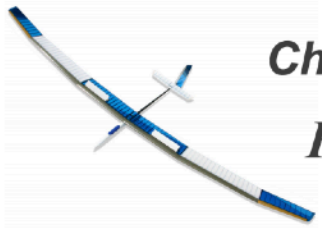
REGISTER ON-LINE: ESL Registration Site at flyesl.com.

OR SEND REGISTRATION TO: Anker Berg-Sonne
8 Middlemost Way - Stow, MA 01775
(978) 764-2564 / anker@ankersoft.com

CLASS: EXPERT□ SPORT FLYER □ NOVICE □
NAME_____ AMA#_____
ADDRESS_____ SAT: □ SUN: □
CITY/STATE/ZIP_____
PHONE#_____ E-MAIL_____

Make checks payable to CRRC

Radian One-Design Contest - August 10



Charles River Radio Controllers

Radian One Design Contest

Saturday August 10, 2019

Davis Field Route 117, Sudbury MA

Single class for 2 Meter and Radian XL

Radians with soaring circuit set to 200M may be modified

Stock only Radians if you don't use a Soaring circuit

Awards for 1st though 3rd places

Entry fee: $25 per day includes lunch and drinks

Register with CD and at the field: 8 to 9AM.

Pilots meeting: 9:05AM

For more information or to register, contact CDs David Spielman
exofficio@charlesriverrc.org

Fall Float-Fly Opportunity - August 17th

Charles River RC is encouraging participation in the John Nicollaci Memorial Float-Fly event put on by Bristol County RC club. The event will be August 17th at Mary's Pond in Marion, MA. Contact CD/EM Ned Watts for further info at (781)326-1045 or nedwatts@mac.com.

Summer Meetings

Our next general meeting will be **Saturday, July 13th, 9AM,** at **Davis Field** in Sudbury.

Once again on a Saturday morning - bring something to fly before or after!

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

The August meeting will be **Saturday, August 24th, 9AM**, at **Davis Field**. (Note: a week later than usual due to the contest and event schedule.)



Quad-captured photos by Scott Ritter at the 4th of July Demos



Club Information

Officers - 2019

President
Scott Ritter
president at charlesriverrc.org

Vice President
Jake Megowan
vicepresident at charlesriverrc.org

Treasurer
Dave Marshall
treasurer at charlesriverrc.org

Membership Secretary
John Eppling
membership at charlesriverrc.org

Recording Secretary
Dan Sullivan
secretary at charlesriverrc.org

Webmaster
Adam Smith
webmaster at charlesriverrc.org

Newsletter Editor
Adam Smith
newsletter at charlesriverrc.org

Chief Instructor
Dick Williamson
chiefinstructor at charlesriverrc.org

Raffle Chairman
David Spielman
xofficio at charlesriverrc.org

Instruction

To start your your 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 Willamson - B,G,E
Sudbury - 978-618-5475

Derick Veliz - B,E
Acton - 978-337-7867

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

Bruce Schneider - G,E
Hudson - 978-460-0305

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 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 2016 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 - 2019

Name					
Street					
Town		State		Zip	
Telephone		Email			
AMA No.		Birth Date			
DO NOT include my personal contact information in the club phone book					

IMPORTANT: You must be an AMA member to receive a CRRC membership
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 membership card and field pass, 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 use **PayPal** to:
membership@charlesriverrc.org

SAVE $5 – EARLY BIRD DUES RATES ARE LISTED

Member category	Before March 1, 2019	After March 1, 2019
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		
Full time STUDENT	$40	$45
Family member additional to OPEN membership		
Additional / optional donation (supports field rental)	*Voluntary $10 / $25 / $50 / etc*	