



CRRC Flight-Log

November 2014

<http://www.charlesriverrc.org>

AMA Charter 339

Next General Meeting

Wednesday November 19, 2014 7:30PM at Goodnow Library

The Speaker, Doug Stone from EAA, will discuss flying a full size Cub across the USA.



CRRC General Meeting Minutes for October 15, 2014

Business Meeting: Dave Spielman opened the business meeting at 7:30 PM at Goodnow library in Sudbury, MA.

Meeting minutes and treasurer's report from last month's meeting were approved.

Current membership stands at 110 persons.

Field Reports:

Davis field is in excellent condition.

Medfield is also in excellent condition. The Millis RC club recently had a work day to replace the roof on the shelter. Thanks to the CRRC members who helped out.

Old Business

The current status of the Davis field development plans is a proposal to construct of four little league -sized fields (organized back to back with all four home plates at the center of the array). The plan would cost roughly \$3.6 million, which may help keep the forces of development at bay. There is a "Save Davis Field" <<http://savedavisfield.org/group>> organized to fight against development of the field.

Dan Sullivan gave a short report on the electric combat contest. Four pilots participated and flew around 5 rounds. The contest ended with two planes still flying. Two dropped out with damage

due to collisions from the ground. The damage was reparable so these planes will be able to fight another day.

Wayne Mackeil gave a report on the spring float fly. There were 18 pilots participating and everyone had a good time. There was one noise complaint from a nearby resident, so we may want to make some adjustment to the flight patterns at the next float fly. There also was some discussion as to whether two float flies per year is too many but no decisions were made.

Hunting season has begun and will last until early January. Avoid tramping through the woods looking for planes, especially at dawn and dusk, when most hunting is done. There is no hunting on Sundays.

New Business

CRRC elections will occur in November. John Eppling has volunteered to run for membership secretary so we have no open positions for next year.

Upcoming Events and Schedule

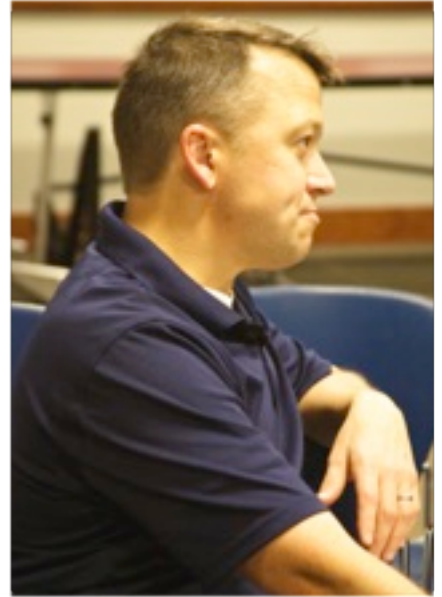
CRRC auction will be held on November 30, 2014 (11:00 AM - 4:00 PM) at the Natick VFW hall. Volunteers are needed.

New Members and Guests:



Jimmy Two Feathers is a member of the Concord RC club and has invited CRRC members for indoor flying in Concord.

Mike Helm was visiting from the Maynard Cub Scout Pack. CRRC will be giving a demo/ presentation of the RC aircraft at their November 21 pack meeting.



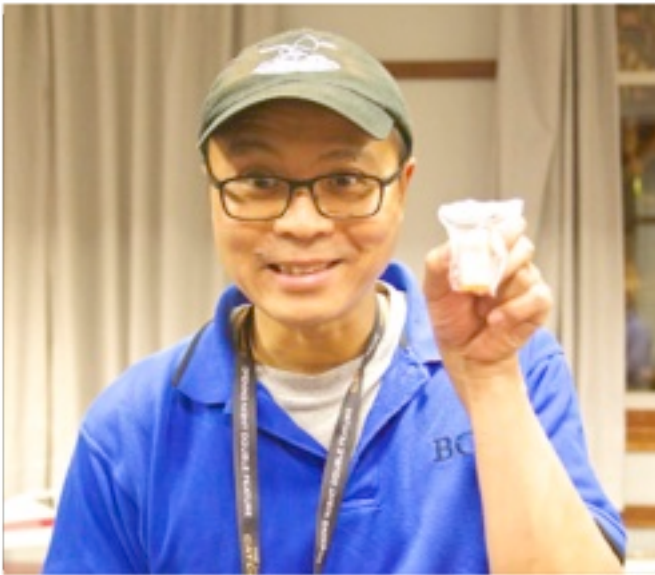
Raffle Winners



Brain Rickman: Flight Test Storch foam kit.



Evan Haddington: Rimfire brushless motor



Dave Mak: Hobby King Orange Receiver



Bill Howard: Tube of CA glue

Speaker



Bill Howard from Hobbyland discussed his experiences in starting and running a hobby shop in Stowe Massachusetts.

<http://www.hobbylandstow.com>



CONTACT

92 Great Rd (Rt. 117)

Stow, MA 01775

info@hobbylandstow.com

978-637-2275

HOURS:

Tuesday - Thursday: 10AM-6PM

Friday & Saturday: 10AM-8PM

Sunday: 1PM-6PM

Closed Mondays



Show and Tell



John Eppling demonstrated a wireless buddy box system. An appropriate receiver is attached to the main transmitter and the buddy transmitter binds directly to that receiver. The system eliminates the problem of students accidentally pulling out the buddy cord, which resulted in a crash at one of John's demo sessions.

Brian Rickman showed his "Nifty" plank wing made from plan on RC Groups. Brian says it flies similarly to the Fast and Furious combat plane.





Dan Sullivan showed his "Scythe" small EPP wing made from a Crash Test Hobby kit. The plane is designed tough for combat flying and has an 800 MAH 3-cell LiPo battery and EMAX 2812 1600kV motor. The prop is a 7x6 APC prop cut down to 4.7 inch diameter. The plane was susceptible to entering flat spins on its initial test flights but moving the CG $\frac{1}{4}$ inch forward corrected that tendency. In its current state the plane is quite fast but handles like it's "on a track". Dan originally had envisioned using the wing in the streamer combat contest but decided that it was not a good match with the Fast and Furious designs due to its higher speed.



Dave Mak showed his highly tricked out Flight Test Versa Wing. This wing has a complete FPV/navigation system including FPV video, GPS, altimeter, and gyro-controlled stabilizing system/autopilot. The main controller board is based on an Arduino controller board. In addition to its FPV capabilities, the plane is capable of fully autonomous navigation through preprogrammed waypoints.



Presidents letter November 2014

In just a few short weeks, CRRC will be holding our annual auction at the VFW hall in Natick on route 135. November 30th is the date. Expect to find all sorts of treasures that you can't live without. Bring in your new and used RC model airplanes, equipment, and supplies to turn them into cash. We have one of the best auctions in the area. Sellers pay a 10% fee up to \$10 per item, and won't suffer a penalty for buyback or no sale. Hundreds of items go on display and are sold for you. Snacks, drinks and hot dogs will be available to help sustain your appetite to buy and sell.

Setup starts at 11:00, preview starts at 12:00 and the auction begins at 1:00. \$20 and under tables are there for your use. Please support your club by paying your sellers fees for all on site sales including private. I'll see you there!

We've just been notified that there's a permanent 3 nm (3.5 mile) NOTAM alert for Disney land, Disney world and sports stadiums. This doesn't affect the CRRC fields, but it does affect some other local clubs including the Lazy Loopers located 2 miles from Gillette Stadium in Foxborough. This demonstrates how

fragile our flying field use and ownership is and how the balance of freedom and safety can affect our lives. Write to the AMA and your representatives in congress and let them know how legislation is affecting you.

CRRC is working to support youth and adult education in model aviation. Brian Rickman with the help from Dave Mak and other CRRC members taught 10 adult education students how to build and fly foam trainers. By the time you read this article, the new pilots will have had three building and three flying sessions. These new pilots are doing just great. Several of them have already soloed. All of them look like they were having a great time.

CRRC will be presenting to the Maynard Cub Scouts at their November meeting. Six or more CRRC members will be giving a brief introduction to model aviation to the pack of about 50 boys and girls and their pack leaders. They'll be treated to show and tell including gliders, 3D, acrobatic and indoor airplanes, all of them RC. This should be a fun experience for the pilots and the kids.

Come join us at the November general meeting on Wednesday November 19th at 7:30. Our guest speaker is Doug Stone, from the local EAA chapter. He'll give a presentation about his experience flying a full scale Cub across the USA. This should be an interesting presentation for all you Cub fans. The Cub has been a long time favorite among modelers. I'm looking forward to hearing how full scale pilots view the Cub.

cont'd

November is election month, and you thought the politicians were done. Well CRRC wants in on the election action, but without the fanfare. We just need a majority vote at the November general meeting to confirm the nominees. We need your vote by a showing of hands to nominate and approve the club board of directors. Here is the electoral ballot.

President- David Spielman, If elected, this will be David's 3rd year as president.
Vice President – Brian Rickman, This will be Brian's first full year if elected
Treasurer - Dave Marshal, another 3-year candidate
Recording Secretary – Dan Sullivan, yet another 3-year man
Webmaster - Bert Cohen, gosh, this will be Bert's 3rd year too.

Newsletter Editor - Robert Sisson, oh no, Bob will also be a 3rd year person
Chief instructor - Dick Williamson, Deja vous, Dick's been instructing for 2 years, so he is also ready to fill the instructors office for a 3rd year.
Membership Secretary – John Eppling, This will be John's first year as recording secretary.

If you like how the club's been run for the last few years, I'm confident that the candidates will continue to serve and sustain the CRRC in a positive way. Please join us and cast your vote. Guests are welcome, so if you wonder what RC is like, join us for a few hours of fun.

Fly safely,
David Spielman

Safety Corner November 2014

Range limitations with 2.5 Ghz and FPV:

When the manufacturers say 2.4 Ghz are limited to line of sight, they mean it. When flying first person video (FPV), it's important to stay on the near side of the trees. On a recent FPV expedition, one of the more seasoned quad copter pilots flying FPV visited the far side of the trees on the right side of Davis field. The transmitter sounded the lost signal alarm and the copter went into fail safe. Up the copter went to 60 feet and then straight to home. Major problem, the trees were 95 feet tall. There was nothing wrong with the radio, simply a lot of trees interfering with the 2.4 Ghz signal. The pilot now runs 433Mhz and has secured a ham license.

David Spielman



November Raffle Prizes



Blade Nano QX Quad-copter
The Nano QX is a great for beginners. The blade guards works really well to protect the propellers.



DU-BRO Tru-Spin Prop Balancer



FliteTest Mini Scout

<https://www.youtube.com/watch?v=U0fQLgv0VXk>

FliteTest Mini Speedster

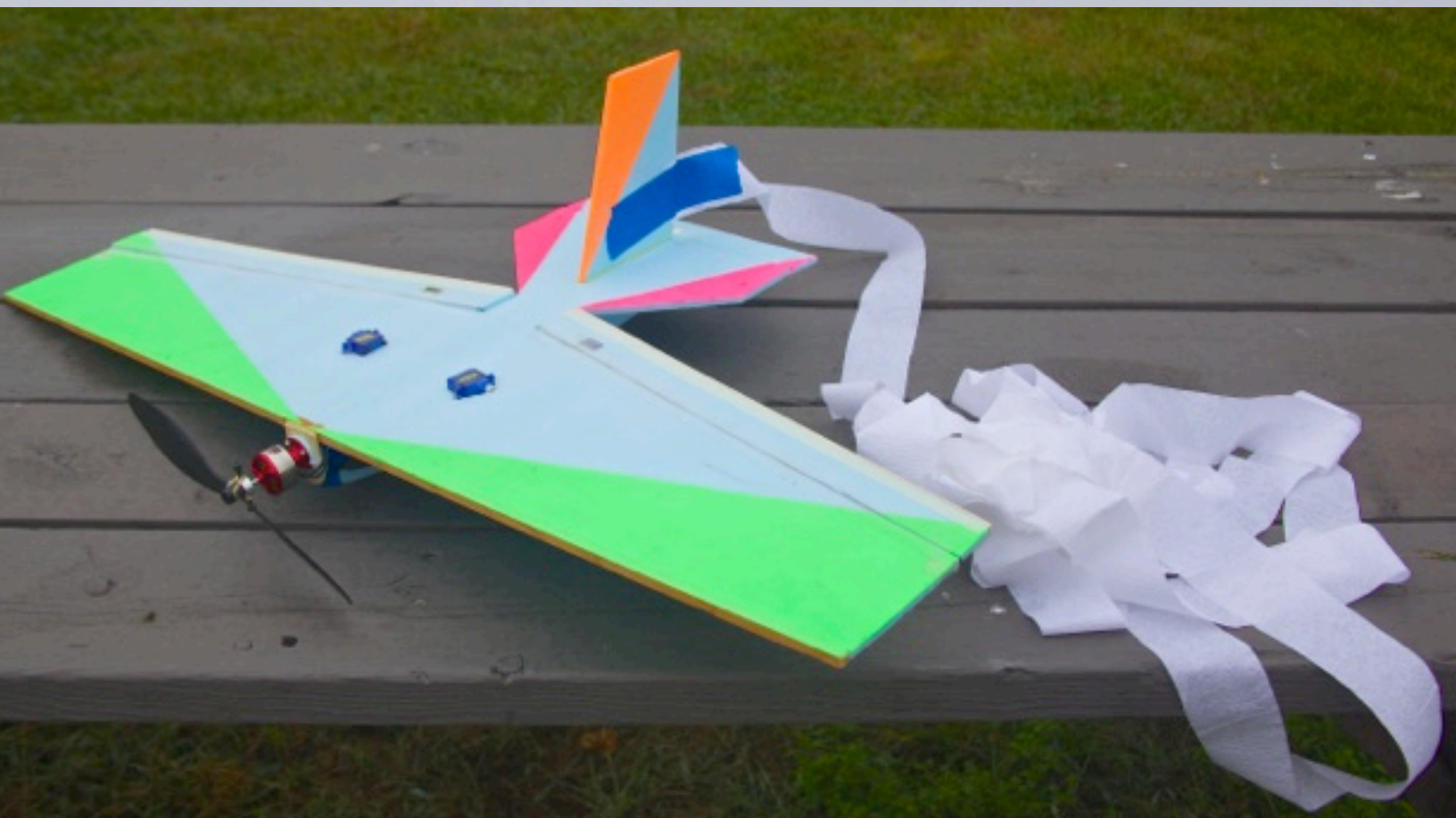
<https://www.youtube.com/watch?v=pFQ5hWopheA>

Combat



Combat flying was enjoyed on October 4th. Four participants tested their flying skills and the strength of the models.





Build and Fly Radio Controlled Model Airplanes

Instructor Brian Rickman



What they are building





Fun Fly at Bill Martin Field



Jeremy Harkin, Tom Bauer and Jamie McDonough attended the Fun Fly at Bill Martin Field. They enjoyed a nice BBQ lunch, close to perfect conditions and a lot of flying time.



Night Flying with John Eppling and Brian



I didn't have my FliteTest Storch ready with the LED strips, so I had my Crack Laser with small external lights. The lights on top were white and the lights on the bottom were blue, but unless you were really close, you couldn't see the rudder. Even with the different colored lights, I am used to knowing the orientation based on where the landing gear and the rudder is, so I found it difficult to do rolling maneuvers. It was still fun.

I think Brian and I plan on doing this a few more times before it really gets too cold to be out at night. The good thing is that it gets dark early, so we won't have to out that too late. And the best thing is no mosquitoes!! So, get some lights and come join us the next time.

I suggest that we just keep an eye on the weather forecast and schedule things a few days in advance.



Officers

President

David Spielman

president@charlesriverrc.org

Vice President

Brian Rickman

vicepresident@charlesriverrc.org

Membership Secretary

Ray Harlan

membership@charlesriverrc.org

Recording Secretary

Dan Sullivan

secretary@charlesriverrc.org

Newsletter Editor

Robert Sisson

newsletter@charlesriverrc.org

Treasurer

Dave Marshall

treasurer@charlesriverrc.org

Webmaster

Bert Cohen

webmaster@charlesriverrc.org

Chief Instructor

Dick Williamson

chiefinstructor@charlesriverrc.org

Raffle Chairman

John Epping

xofficio@charlesriverrc.org

Building and Flight Instructors

To start your your instruction please call the Chief Instructor, Dick Williamson. You will be match with one of the Instructors. All Instructors are qualified AMA pilots and willing to give assistance to fellow club members.

Types of instruction - B = Building, G = Glider, E = Electric, F = Fuel, H = Helicopter

Dick Williamson - B, G, E

978-618-5475 - Sudbury

Fritz Bien - B,G, E

978-369-1720 - Concord

Tom Bauer - B,G, E

781-235-7344 - Wellesley

Brian Rickman - B, E

774-249-2494 - Marlborough

Derick Veliz - B, E

978-337-7867 - Acton

John Weigel - B

508-655-2138 - Natick

Richard Gammon - B, G, E, F

508-835-2049 - West Boylston

Ken Antonellis - G, E, F

508-653-8369 - Natick

Bruce Schneider - G, E

978-460-0305 - Hudson

Lincoln Ross - G, E

978-800-0608 - Maynard

Dave Walter - G

978-562-5400 - Hudson

Jon Leehey - F

508-358-5721 - Wayland

Tony Davids - H

978-568-9598 - Stow

Calendar

November 19, 2014
General Meeting at Goodnow

November 30, 2014
CRRC Auction
at VFW Hall Natick

December 17, 2014
General Meeting at Goodnow

January 1, 2015
Frozen Finger Fun Fly

January 21, 2015
General Meeting at Goodnow

February 18, 2015
General Meeting at Goodnow
Combat Build Night

March 18, 2015
General Meeting at Goodnow

April 22, 2015
General Meeting at Goodnow
Winter Projects

May 20, 2015
General Meeting at Goodnow

June 20, 2015
General Meeting at Davis

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. Effective March 25 the key for the 2014 season is key #27. Ken may have keys at the meeting. A \$5 deposit is required the first time you receive a key.

New Wings

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.



LloydKeyes(Wayland)
508-358-9197 or
508-341-0110

Paul Harrington (Medfield)
508-376-2573

Monkey Men (Marlboro)
508-481-8461

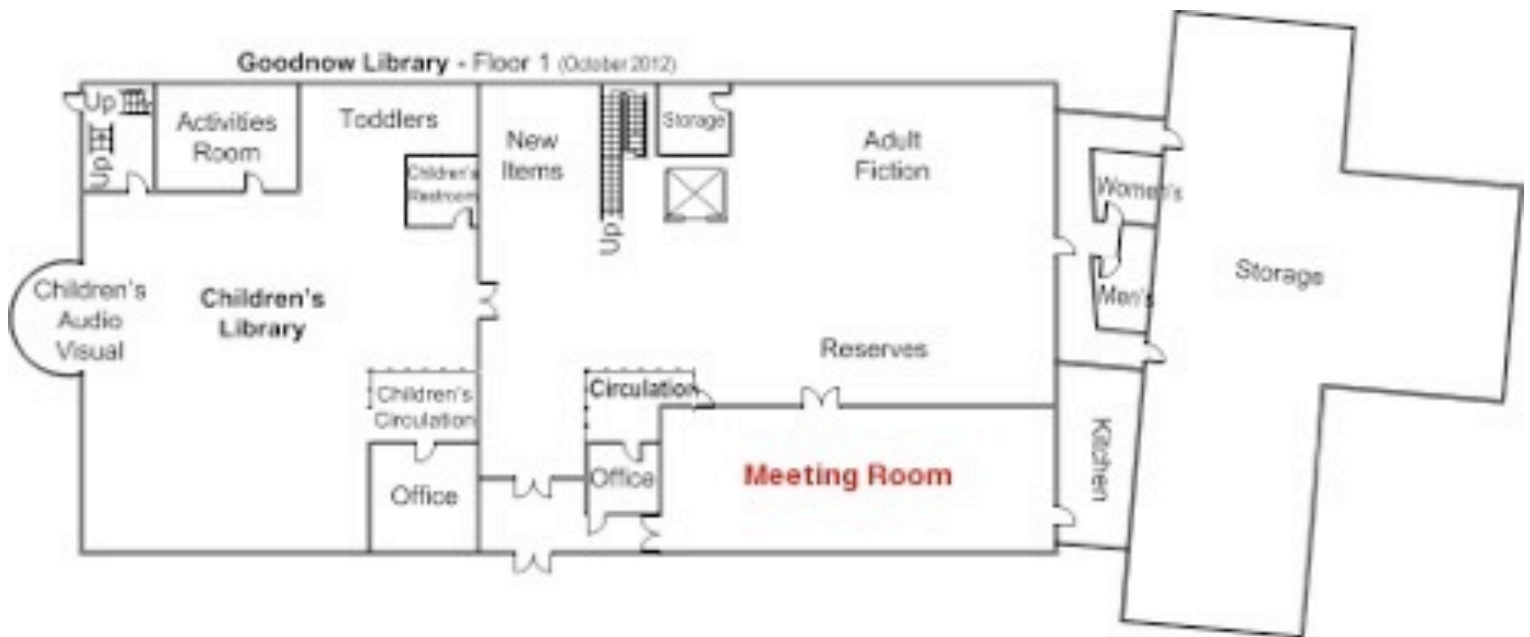
Scott (Sudbury)
508-203-3845

Tony Morais
A1 Tree Services
(Framingham)
508-626-0088 or
800-657-7788

Stephen Canessa
The Tree Guy
978-460-1000

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





October Club Meeting Guests are Welcome

Wednesday November 19, 2014
7:30PM at the Goodnow Library
21 Concord Rd, Sudbury, MA 01776



2015 MEMBERSHIP APPLICATION

Name
Street
Town
Telephone
E-mail

State Zip

IMPORTANT: You must be an AMA member in order to receive your CRRC membership card. By submitting this membership application you agree to comply with the AMA safety code including documents 550 and 560

AMA No.

Birth Date (AMA req'd)

To receive membership card and field pass, bring this application to a club meeting, or mail to the membership secretary (address below).

Ray Harlan

Membership Secretary CRRC

15 Happy Hollow Road Wayland, MA 01778

508-358-4013

Email: membership@charlesriverrc.org

Please make check payable to: **Charles River RC**

You can pay by check or use PayPal.

(PayPal to membership@charlesriverrc.org)

SAVE \$5 - EARLY BIRD DUES RATES ARE LISTED

	MEMBERSHIP CATAGORY	On or before Mar 1, 2015	After Mar 1, 2015
☐	OPEN Member	\$40.00	\$45.00
☐	JUNIOR member, (Under 19 before Jul. 1)	\$10.00	\$10.00
☐	SENIOR member, (If age 60 before Jul. 1)	\$30.00	\$35.00
☐	SENIOR member, (If age 75 before Jul. 1)	Free if AMA member	Free if AMA member
☐	Full time STUDENT	\$20.00	\$25.00
☐	Family member additional to OPEN membership	\$20.00	\$25.00

Please chose from the options below:

☐ DO NOT include my personal contact information in the club phone book

Help reduce operating costs by downloading the newsletter from the CRRC website.

☐ I DO NOT have access to a computer or the Internet - Please send me the Newsletter via US Mail.