



CRRC Flight-Log

December 2014

<http://www.charlesriverrc.org>

AMA Charter 339

Next General Meeting

Wednesday December 17, 2014 7:30PM at Goodnow Library

No Speaker this month, Brian Rickman will bring two DVDs "Crasher 5 - Modeling Mayhem & Misery R/C Bloopers" and "Joe Nall Week 2014" a vote at the meeting will decide which one we watch.



CRRC General Meeting Minutes for November 19, 2014

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.

Field Reports:

Davis field is in excellent condition. Youth soccer is over for the fall season, so there are no other conflicting activities at Davis field on weekends. Dick Williamson reported that the development proposals have been modified to provide addition preservation of the wetland adjacent to the field. It is unlikely that any funding will be available for development for this year.

Medfield is also in excellent condition. The state is planning to make improvements to the access road (grading and leveling).

Old Business:

High School Club: Since it has been difficult to obtain a full time sponsor for the high school club, it was suggested that the club could take a more informal status and that interested students could be subsidized for Brian Rickman's adult education class.

The club approved a proposal to offer free CRRC club membership to student members 18 and younger. This is similar the AMA policy for student members. Some members voiced an objection to this proposal that offering free membership would attract non-serious students, but the measure was passed.

Upcoming Events and Schedule

Frozen Finger Fun Fly: Jan 1 at Davis Field starting at 9:00 AM

2015 Officers Election: The following members were elected for 2015:

President: Dave Spielman
Vice President: Brian Rickman
Treasurer: Dave Marshall
Chief Instructor: Dick Williamson
Recording Secretary: Daniel Sullivan
Webmaster: Bert Cohen
Newsletter Editor: Bob Sisson
Membership Secretary: John Eppling

New Members and Guests



Adam was interested in learning how to fly RC.



Bert Lewis is a friend of Neil Kauffman.

Raffle Winners



Clockwise:

Ken Antonellis: Nano QX quadcopter

Joe Arnold: Flight Test Mini Speedster kit.

Bob Sisson: Flite Test Mini Scout Kit

Ray Harlan: Dubro prop balancer



Speaker



Doug Stone of the Marlboro Airport Experimental Aircraft Association (EAA) recounted his experiences in flying a Piper Cub to California and back.

Show and Tell



Alan Marshall showed the remains of a Kestrel glider that was lost in the woods around Davis field for nearly a year. The glider was found near the location where it was thought to have gone down but it had eluded detection until now. As might be expected, the glider is severely water damaged and not repairable.



Neil Kaufman showed his completed scratch build of an A-26 Invader.





Ned Watts with a Stevens Aeromodel Quick Oats 250.



Dave Spielman showed his completed quadcopter made from Flite Test components won at an earlier CRCC raffle.



Tony Davids showed a collection of quadcopters from nano-size up to park-flyer size.



Brian Rickman showed his "Simple Delta" flat foam model. It uses about 30 watts and weighs 6 ounces.



Dick Roy showed a partially completed "Super Ringmaster" RC version of a classic control line model.



Ray Harlan showed his floats for an Aerosky model. He has made some modifications to the floats that he hopes will improve water take off and landing performance.



Dave Mak showed inexpensive LED strips that can be used to put lights on a model for night flying. The strips operate on RC systems voltages and can be cut to any length



Presidents letter December 2014

Thank you all who turned out for the November general meeting. Elections were held and the ballot as presented in the last newsletter was confirmed. The incumbents remain with the exception of membership secretary. John Eppling takes the position from Ray Harlan who helped manage the club as well as sign up members. Thank you Ray and welcome John.

Speaking about meetings. Our next meeting is December 17th at 7:30 in the Goodnow library. Brian Rickman has planned an entertaining evening with your choice of movies. Bring a show and tell to show off your workmanship or maybe bring the latest toy. We love seeing anything RC. John remains our raffle chairman and has some fun items. Check them out later in this newsletter. Guests are always welcome to join in the fun.

CRRC's Thanksgiving weekend auction was full of exciting deals on new and used model aviation equipment. Several hundred items went up to the auction block where Fritz and Lincoln entertained the crowd while making buyers and sellers happy. Each year the auction takes on a personality. I'd say we were well balanced this year. We had a broad range of models including foam ARFs and built up models and even some quad copters. Tony Davids and Wayne

McKeal were two of the biggest sellers. Tony's collection of foam jets were very popular with the crowd making some of the highest price sales of the day. There were a few higher end models at the auction, but the buyers weren't willing to make a deal on them.

Thank you to all that helped at the auction. CRRC members, family and friends manned the cashiers tables, sold refreshments, carried models to the auctioneers and most importantly auctioned merchandise. I'm happy to say that participants followed the auction guidelines and refrained from private sales. This made a better experience for buyers who got a chance to bid on items they previewed.

Six dedicated CRRC members wowed the Maynard Cub Scout troop with a model airplane show that included hands on experiences and indoor flight demos. Dick Williamson and David Mak commentated, introducing the kids to airplane flight control, and quad copter and airplane flight. John Eppling and Lincoln Ross performed flight demos of electric and rubber powered planes as well as quad copters. Bill performed virtual flights with the Hobby Land Real Flight flight simulator while Richard Roy, Dave Mak and myself displayed models for the crowd.

The scout masters said the kids had never been so quiet as they were this evening. They all looked like they were having a great time. Each scout had a turn controlling either a Mantis glider or a 3D foamy plane. We walked around transmitters so that everyone got to move the huge control surfaces. As a final treat, we handed out paper airplanes for the boys to build once they got home. Each plane had the CRRC and AMA logos and web addresses.

Brian Rickman reported that at least one of the cub scouts showed up at the field for a little flight instruction Sunday following the event. Mom said they were on their way to Hobby Land right after flying was done. General consensus was that we should do this again for more of the local scout troops.

Cont'd

Plans are afoot to put on a small flight and static show at Goodnow library on January 31st. They're planning a "family open house" day with a STEM theme on Saturday, Jan 31st from 1:00 to 4:00pm. If you are interested in getting involved, please contact me for more information.

The FFFF, Frozen Finger Fun Fly takes place January first at 9:10 on Davis Field. Help bring in the new year with friends and flight. Coffee and donuts provided by CRRC will be there for a little pick me up. You never know what weather Mother Nature will bring, so check the forecast and dress warmly. We fly no matter

what the weather conditions are. Hope for something on the warmer side.

There is still time to take advantage of discounted CRRC membership. From now until March 2014 you save \$5 in annual dues. Send in your checks or sign up with Pay Pal. Either way we need your support to keep our club healthy. John Eppling, our new membership secretary will help get you signed up.

Fly safely,
David Spielman

Safety Corner December 2014

Did you know that epoxy is a sensitizer? It means that repeated and prolonged skin contact with epoxy will cause you to become dangerously sensitive to epoxy. No one is excluded from this, no matter how tough your skin is. So what does this mean? Once you have become sensitive to epoxy, further contact with epoxy can result in rashes, eczema and possible breathing problems. The best way to prevent sensitivity is to wear nitrile gloves and wash your hands following contact. Latex gloves don't work because epoxy soaks through them. The blue painters gloves available from Home Depot, Lowes and BJ's are the ones you want. Be safe and wear protection.

David Spielman



December Raffle Prizes

There must be some good, big boys and girls, because Santa is bringing a lot of goodies for the December raffle!!



First prize is a set of 4 Savox SH-0253 digital servos! These have the same torque as Hitec HS-65MG servos, but they are much faster. These are regularly \$28 servos, but Santa's elves found a really good deal. (What? You didn't know that even Santa's elves outsource some of their work?) These should work great in a balsa 3D plane in the 42-48" wingspan range.



Second prize is a Proto X quadcopter, complete and ready-to-fly!



Third prize is a set of Bondhus Ball End L-wrench (9-pc, metric from 1.5 mm to 10 mm).



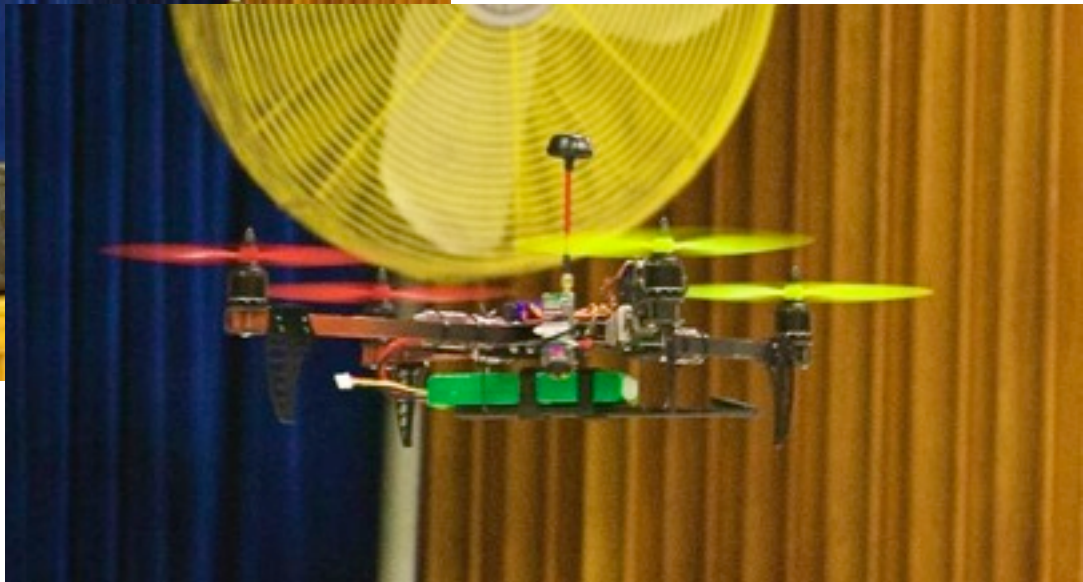
Fourth prize is 30-minute Epoxy for you winter repair projects.

Demo at Maynard Cub Scout Meeting

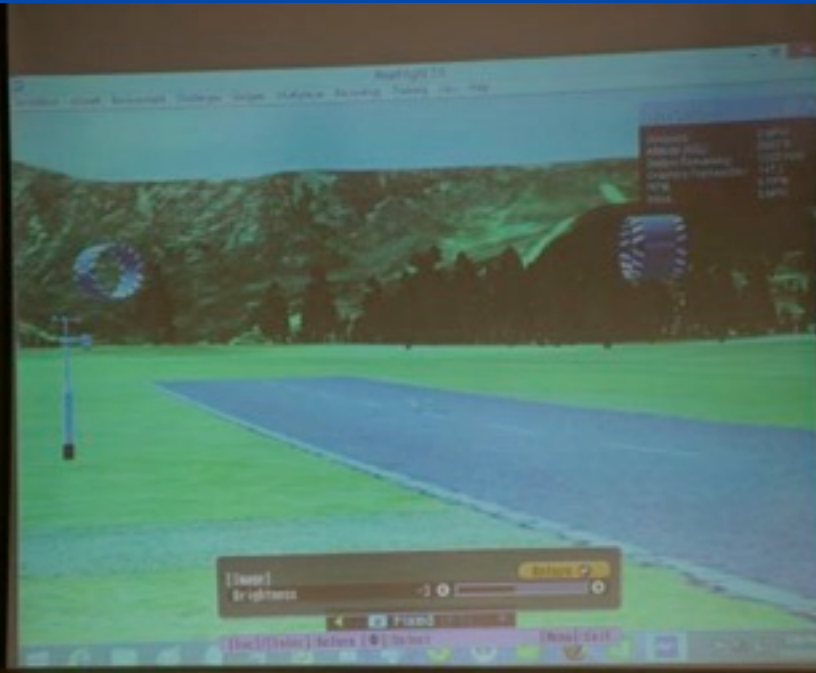




A little strange to see so many young boys so quiet for so long.



The quadcopter drew a lot of interest, maybe that is why they were so quiet!



The flight simulator also drew much interest, it is similar to the computer games today's youth have mastered.

Models were held while a rc transmitter was operated to show how the flying surfaces are controlled.





On November 25th Brian Rickman gave the following account of a chance meeting.

I met a young boy (8 or 9) and his mother at Davis Field yesterday. I saw them watching and asked him if he'd like to try flying. He said yes, so I let him fly one of my planes on a buddy box. It was windy, and the only plane I had that was flying well was a moderately fast flying wing. He managed to maintain control a little longer each time I hit the switch. By the end of the flight he was doing close to 20 seconds at a time, which I found pretty amazing. His mom took a picture of him holding the plane before they left. He had a big smile. I heard her say their next stop was going to be Hobby Land.

I think they found out about us from the Cub Scout presentation on Friday, which tells me that the presentation was a great success.

~~David~~ David
 Nick Jacob CJ
 Joey BENJAMIN
 KOR
 Pierce Aidan Joshua
 Patrick crossland Nick Fritz
 Nathan Strahls

Dear Dave, Dick, John,
 Lincoln, Richard, David,
 and Bill,

Thank you so much for
 sharing your RC airplanes
 with our Pack. We appreciate
 it very much!

Sincerely,
 The Scouts & Families of
 Maynard Cub Scout Pack 130



Build and Fly Radio Controlled Model Airplanes

Instructor Brian Rickman

The last day of the class, flying at Davis Field



David Mak is buddy-boxing with Bob. Gusty winds make flying a light-weight rudder/elevator trainer a challenge, but Bob will be able to fly solo after one or two more instructor led flying sessions. He's already planning to sign-up for the next class, which will be starting in February.



More information on the EzFly can be seen at this link:
<http://www.rcgroups.com/forums/showthread.php?t=1174874>



RC flight is a great family activity.



Lee and his dad make a great team. Dad likes to build, and son likes to fly. Lee solo'ed after two buddy-box lessons. They are both hooked, and plan to build a fleet of planes to fly together.

Summary:

There were 10 students in this class. All of them succeed in building and flying their own plane. About half are flying solo at this point. The others are aware that free flying lessons are available though CRRC on an ongoing basis. We can expect to see more of them at the field when the weather improves.

Future classes:

The director of the LSHS adult-ed program has requested that I offer this "getting started" class again next fall.

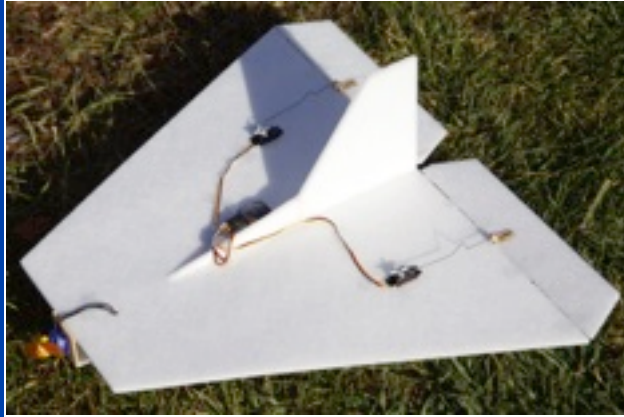
David Mak and I are planing to offer classes at Hobby Land in Stow starting in February. There will be at least two classes, one on building the "Simple Delta", and one on building a more traditional four-channel trainer.

General Information**CRRC Flight Log****Tree Climbers****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.



Brian Rickman has a new model, "Simple Delta", fun to build and fly. It handles the wind and is very maneuverable. Information is at this link:

<http://www.rcgroups.com/forums/showthread.php?t=867083>

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



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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

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

March 18, 2015
General Meeting at Goodnow

April 22, 2015
General Meeting at Goodnow

May 20, 2015
General Meeting at Goodnow

June 20, 2015
General Meeting at Davis

July 15, 2015
General Meeting at Davis

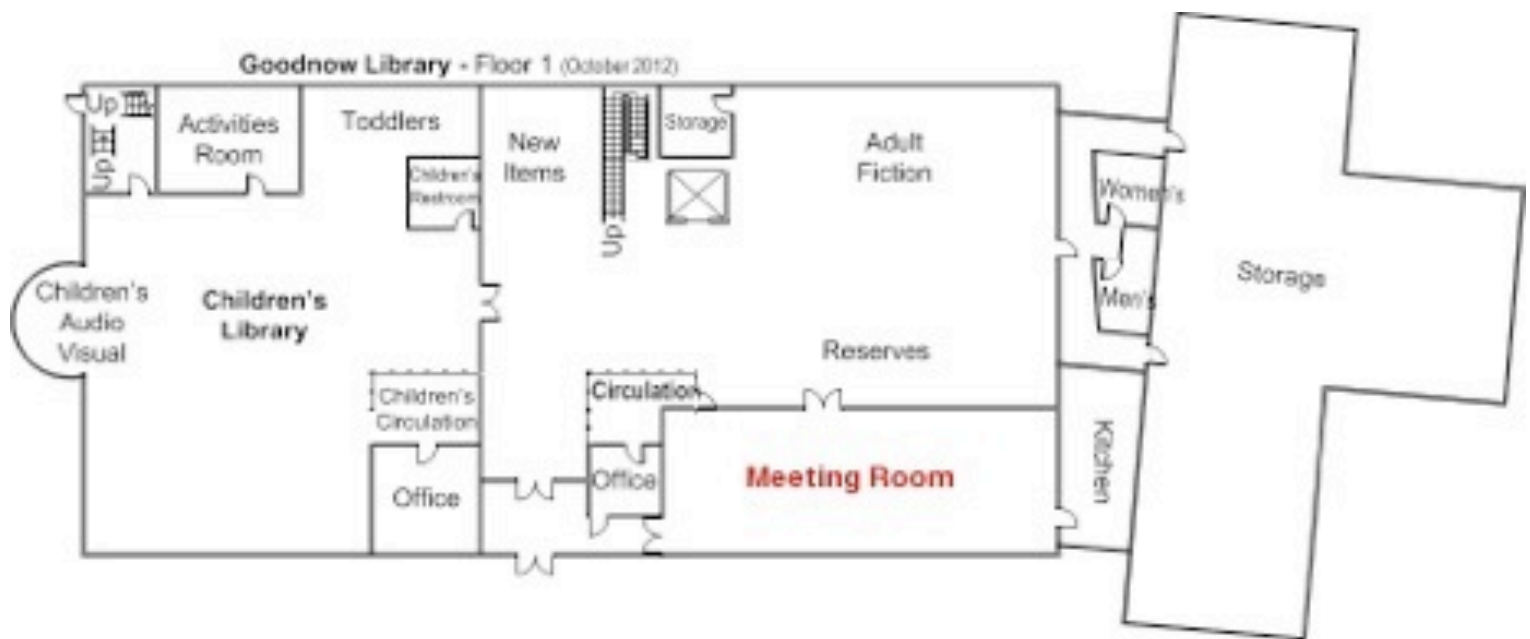
August 19, 2015
General Meeting at Davis

September 16, 2015
General Meeting at Goodnow

October 21, 2015
General Meeting at Goodnow

November 18, 2015
General Meeting at Goodnow

December 16, 2015
General Meeting at Goodnow



December Club Meeting Guests are Welcome

Wednesday December 17, 2014
7:30PM at the Goodnow Library
21 Concord Rd, Sudbury, MA 01776



2015 MEMBERSHIP APPLICATION

Name
Street
Town State Zip
Telephone
E-mail

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.