CRRC Flight-Log

February 2015

http://www.charlesriverrc.org

AMA Charter 339

Next General Meeting

Wednesday February 18, 2015 7:30PM at Goodnow Library

Build Night: We will be building foam airplanes at the meeting. Brian has made up kits (foam and electronics) for everyone who requested one in advance. The most requested kit is the Nifty combat plane, though a few people will be building other designs. If you did not request a kit, come on out anyway. There will be plenty of time to socialize, and an extra pair of hands is always welcome.

If you plan to build a plane at the meeting, please bring a check for $45 payable to "Charles River RC", a hot glue gun with glue sticks, a hobby knife, a cutting mat, and a metal ruler. Needle nose pliers, a 2mm allen wrench, a 1.5mm allen wrench, and a servo tester would also be helpful if you have them.

CRRC General Meeting Minutes for January 21, 2015

Business Meeting:

Dave Spielman opened the business meeting at 7:30 PM

Meeting minutes and treasurer's report from last month's meeting were approved. $600 will be sent to the town of Sudbury for flying permits for Davis field.

Field Reports:

Davis field is in excellent condition.

Medfield is also in excellent condition. A recent incident in which a member of the Millis flying club cut down a tree at Medfield was discussed. As we are not the owners of the property that we fly on, it's important that we respect the property and not deface it in any way.

There is occasional indoor flying in Concord. Contact Jimmy Twofeathers for details.

Old Business:

Several members assisted Dan Frey with his introduction to RC short course at MIT. Thanks to Dan Sullivan, Brian Rickman, Fritz Bien and Ray Harlan for their support.

Upcoming Events and Schedule:

The next CRRC meeting (February 18) will be a build night. We will be attempting to build several flat foam electric airplanes during the meeting.
The Spring float fly is scheduled for May 16 and 17.
Davis Field cleanup will be held at the end of March and the Medfied clean up will be held at the end of April.

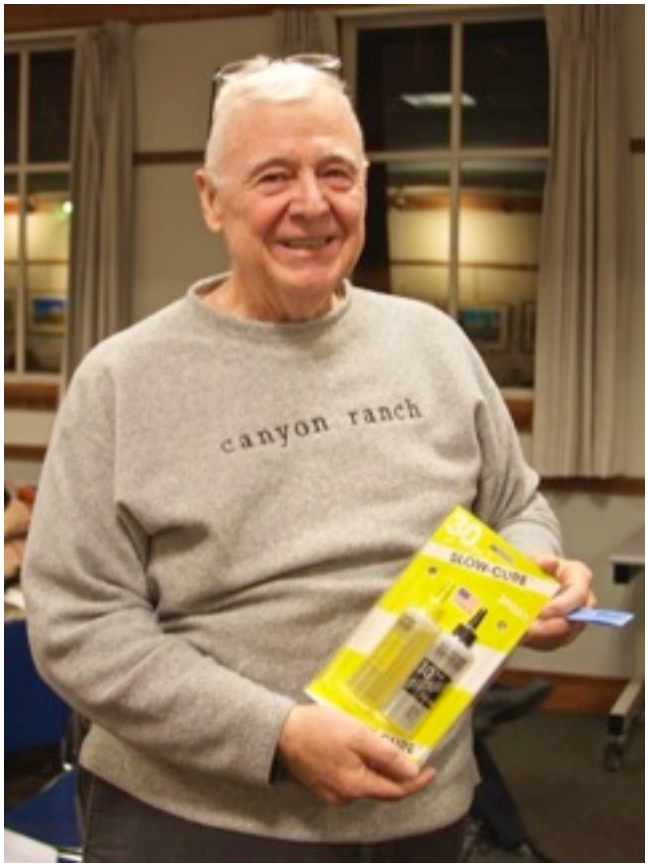
New Members and Guests:
Bill Northop and his wife Shelly are interested in quadcopters.

Raffle Winners

Dave Mak:
Flite Test Mini Guinea cargo plane kit.

Jack Buckley:
HBluO seaplane kit

Evan Hadington:
CA glue



Lee Arnold:
Epoxy glue

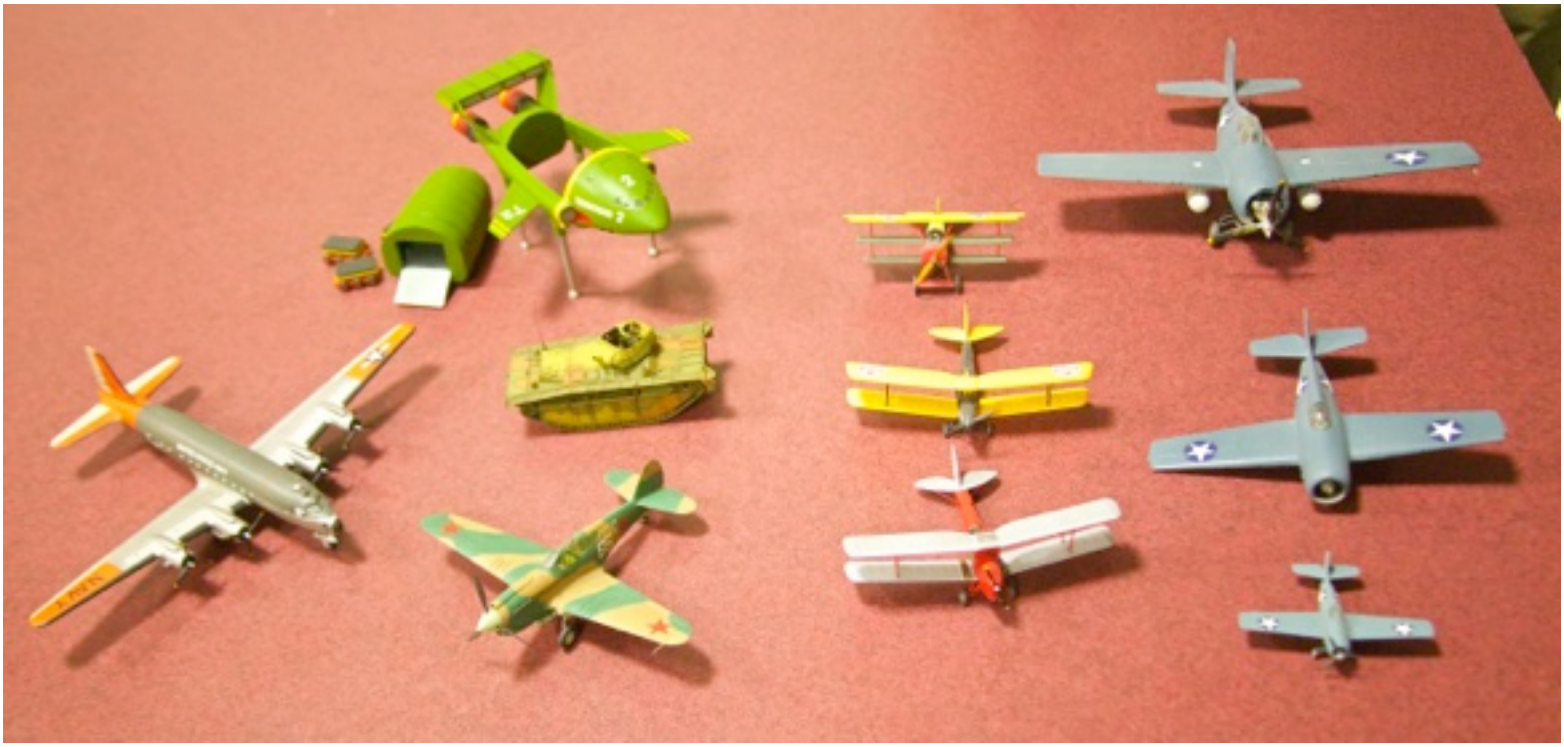
Speakers

Bill Michaels from the Patriot Chapter of the International Plastic Model Society introduced modelers who talked about the wide range of plastic models they have built.

Pip Moss showed a small sample of his models

Mike Hirsch builds a variety of models and brought along some of the publications featuring plastic models

Mike O'Keefe's forte is dioramas and military transport



This display is a mix of models by Bill Michaels and Mike Hirsch

Show and Tell

Bert Cohen showed his Micro Aces Spitfire micro-sized profile model

Fritz Bien had a Andrews Mini Master pattern plane that he used as a covering example for Dan Frey's class at MIT.

Dave Mak showed a tricopter made primarily with Flite Test structural components. The craft uses a FR Sky receiver and an 8-bit Flip flight controller. This model is for line of sight operation at the moment and has no FPV or navigation systems.

Lee Arnold showed a Tom E Boy small electric plane from Mountain Models. The plane weighs 5.5 onces.

Meeting minutes submitted by Dan Sullivan

Presidents letter February 2015

The February 18 CRRC meeting is going to be a blast. We have 20 people signed up for building night. That's right, 20 plane builders will get a chance to carve out and assemble a foam combat plane. In about two hours, we should have enough planes for a pretty fantastic contest. Brian Rickman has procured the parts; you need to bring tools, cutting mat and a hot melt glue gun. You've already selected one of 4 model planes to build. All are powered with the same motor, speed control and servos. Observers, hecklers and helpers are welcome… I mean required. So join us for an evening of fun.

When the songwriter Jule Styne wrote "Let it snow, let it snow, let it snow" he must really have been thinking, "let us build, let us build, let us build". At least that's what I sing when the weather outside is frightful. When cold and snowy weather hits, modelers have a great excuse to stay indoors and work on projects. So far, we have had enough snow to put together at least one or two ARFs or possibly a full-blown kit, depending on how fast you build. We will get a chance to find out how well this theory works come our March meeting winter projects night. I expect there will be some pretty magnificent flying art in about a month.

Founder's day at the Goodnow Library was a hit! In the words of Helen Crary, "We were right up there with ice cream". Now that's saying something. You may ask "What the heck did a bunch of nerdy models do to get such a rave review?" Well we treated the library patrons to hands on flying on Bill Howard's Real Flight 7 simulator an FPV ride with Dave Pearson's quad copter, hands on controls with a 10 foot glider, paper airplane building and demos of quad copters, planes and helicopters throughout the library. The library was never this much fun when I was young.

Some exciting field news: At our last meeting, there was some discussion of a potential new field in Acton. Jimi Two Feathers has been discussing field use with a farmer who leases state land for cultivation of pumpkins and corn. It's still in the early stage of discussions, but with some luck and the good reputation of CRRC, we may get another field to fly on. Our reputation for being friendly and responsible is a great attribute. I think that's why many of our members have selected CRRC. Please do what you can to support Jimi in this project.

The development of Davis Field is progressing. Sudbury Park and Recreation along with the town planners have approved the field renovation project and have put the funding question on the town warrant for a May 2015 vote. This will be a critical meeting for field use in 2015 and 2016. If you feel strongly about the development project, talk to your resident friends in Sudbury and let them know how their vote affects Davis Field.

Fly Safely,

David Spielman

February Raffle Prizes

by John Eppling

Just in time for the February build night! We will be raffling two 24"x36" cutting mats.

The catch is that you have to lend it to anyone who needs a cutting mat during the evening festivities. Yes, that means you may have to stick around for the whole evening if you are not building a plane with Brian.

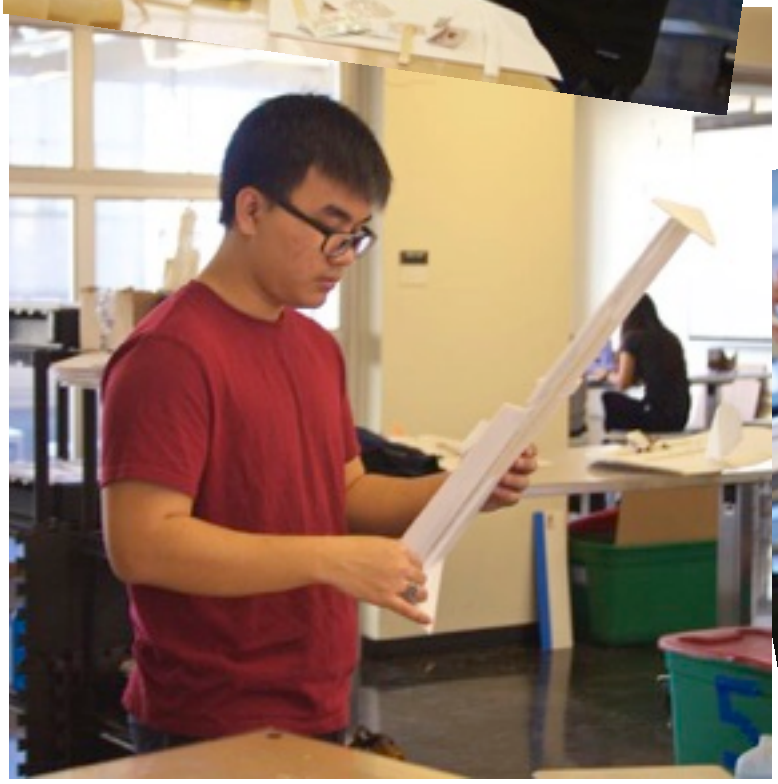
For those working at home on other winter projects involving balsa wood, there is a can of Balsarite.

For those projects that need strength, we have a combination of 30 minute epoxy and mixing cups.

For those of you that can't stand waiting, we have a combination of 6 minute epoxy and popsicle sticks.

Oh, and we may have a FliteTest mini kit to give away, if people are interested, ...

Brian's class at MIT



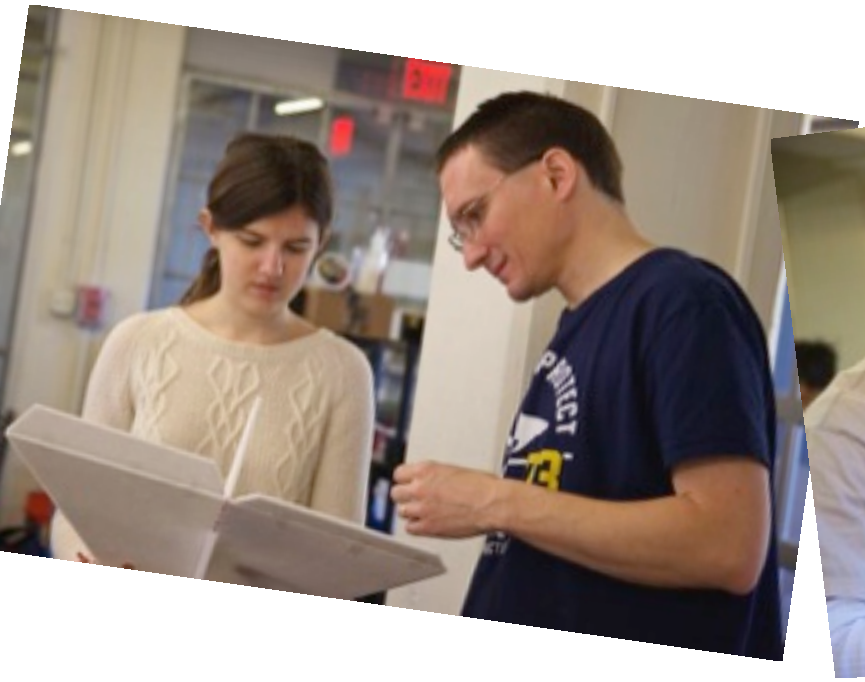
Brian's report

After the December CRRC meeting, when I was promoting our February "Build Night" meeting, Professor Dan Frey asked if I would be willing to do the same program as part of his class at MIT. Geek that I am, I could not say no to an opportunity to help teach a class at MIT, so I agreed. After exchanging a few emails, we agreed that I should bring materials to build a few different planes: 3 Nifty combat planes, 3 Simple Deltas, and 4 Nut Balls. Dan had plenty of servos, receivers, transmitters, and batteries, so I only had to order foam, motors, ESCs, props, and hardware. I traced the parts for all the planes onto sheets of foam in advance.

On the day of the event, 10 (out of 16) students attended this session, which is good since I had only prepared materials to build 10 planes. I worked with the students from about 8 am - 12 noon. We assembled all 10 planes in that time. About half of them were really completed, with electronics installed, receivers bound to transmitters, and all functions tested. Dan said he'd be able to assist the remaining students with radio hookup and testing at the next session.

The class was a bit chaotic, but almost all of them were able to complete their planes with a minimal amount of assistance. I'd demonstrate the basic assembly of each plane to one or two students, and they would show everybody else who was building that model what to do, everybody was having a good time. Dan was a great help too. He supervised a lot of the radio gear installations and made sure everyone had access to all the tools they needed.

Dan expressed great appreciation for all the help CRRC provided for this class and said he'd try to attend more of our meetings in the future.



Ray's class at MIT

Ray exhibited some of his indoor models and demonstrated some of the steps he goes through to get the maximum flight time.

Safety Corner February 2015

Keep CA debonder handy. More than once this winter, I've been stuck to a piece of wood and I've known people to get attached to things a little heavier like the basement floor. Don't panic when attached, add a little debonder and roll the attached skin off the offending object. It will take time, so work slowly and persistently using plenty of liquid. If you've done the unthinkable and touched your eye with CA, you'll need to call for professional help and abandon the debonder.

Stay safe and wear eye protection.
David Spielman

Another scale model for Neil to build?

A 71/2 minute video

https://www.youtube.com/watch?feature=player_embedded&v=SG_LktR-5sE

Click on the links below to see some of the construction steps.

http://www.steampunk-fr.com/viewtopic.php?f=101&t=11307&sid=75753b853f2c402e491d4aca02960018

http://www.retroplane.net/flying-machine/page1.htm

Founder's Day at the Goodnow Library

Dave Pearson flies FPV while library visitors watch from the pilots seat

Dear Flyers,

On behalf of the Goodnow Library Foundation I'd like to thank you all for participating in the STEM fair on Saturday. The look on people's faces was pure amazement, not only to see how the planes, etc. operated but that it was all happening in the library! Your activities were in the top two most popular, according to our survey, up there with the free ice cream.

We are so fortunate to have such a supportive community, and we really appreciate your being part of it. I hope that as a result of the fair you have made some new converts to RC flying!

Thanks again!

Helen Crary
Goodnow Library Foundation

Lazy Loopers
26th Annual Winter Auction
Sunday February 22, 2015

Wrentham Developmental Center-Auditorium Greeley Street Wrentham, Massachusetts 02093
Doors open for set up at 1:00PM. Auction begins at 1:30PM.

OPEN TO ALL. GENERAL PUBLIC WELCOME!

$2.00 General Admission. 10% Seller's Fee.

- Planes, Kits, Batteries, Accessories & other items! Buy, Sell or Browse.
- Food & Beverages available.
- 50/50 Raffle!
- RC Items Raffle.

Directions from Wrentham Center (Rt. 1A and Rt. 140)

Follow Rt. 140 north and proceed 4/10th of a mile, then bear right onto Shear Street. Follow Shear Street for 7/10th of a mile (Anvil Pub will be on left), and turn right onto Smith Avenue. Follow Smith Ave for about 100 feet and take first right onto Greeley Street. The auditorium is the 2nd building on the left (look for ramp).

NEW HAMPSHIRE FLYING MISFITS

AUCTION 2015

SATURDAY, April 4th

****$3 ENTRANCE FEE****

Children 12 and Under Free

TIME:

Registration - 10:00 AM
Auction – 12:00 PM TIL 4 PM

PLACE:

American Legion Henry J Sweeney Post #2
251 Maple Street
Manchester, NH 03103-5401 (603) 623-9145

HobbyTown USA

They were pretty good boys, but mischievous.
– Milton Wright, father of Orville and Wilbur Wright

Wright Brothers R/C

GOLDENROD Drive In
OPEN YEAR ROUND
(603) - 623 - 9469
Goldenroodrestaurant.com
BURGERS
SEAFOOD
ICE CREAM
& Much More!

Open to the Public

- **No Buyers Premium, 10% Sellers Premium**
  - **No Buy Back Fee**
  - **Cash Only – Including Members**
  - **No Pre-Sales**
- **Raffles**
  - **Spektrum DX6i Radio**
  - **Realflight Basic Simulator**
  - **50/50**
- **ATM on site**
- **Great Food Concession – See website for menu**
- **Website: *www.nhflyingmisfits.org***
- **Email the club with questions at *nhfmrcc@gmail.com***

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
John Eppling
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 matched 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 Willamson - B, G, E
978-618-5475 - Sudbury

Fritz Bien - B,G, E
978-369-1720 - Concord

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

February 18, 2015
General Meeting at Goodnow

March 18, 2015
General Meeting at Goodnow

March 28, 2015
Davis Field Clean Up

April 18, 2015
Billy Martin Field Clean Up

April 22, 2015
General Meeting at Goodnow

May 16 & 17, 2015
Float Fly at Wayland Town Beach

May 20, 2015
General Meeting at Goodnow

June 17, 2015
General Meeting at Davis

July 4, 2015
CRRC Demo at Davis

July 15, 2015
General Meeting at Davis

July 18 & 19, 2015
ALES Contest at Davis

August 8 & 9, 2015
Soar In ESL Contest at Davis

August 19, 2015
General Meeting at Davis

August 29, 2015
RES & 2 Meter Glider Contest at Davis

September 16, 2015
General Meeting at Goodnow

September 19 & 20, 2015
Float Fly at Wayland Town Beach

October 3, 2015
Electric Combat at Billy Martin

October 21, 2015
General Meeting at Goodnow

November 18, 2015
General Meeting at Goodnow

November 29, 2015
CRRC Auction VFW Natick

December 16, 2015
General Meeting at Goodnow

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 2015 season is key #27. Ken may have keys at the meeting. A $5 deposit is required the first time you receive a key.

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.

Tree Climbers

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

Paul Harrington (Medfield)
508-376-2573

Monkey Men (Marlboro)
508-481-8461

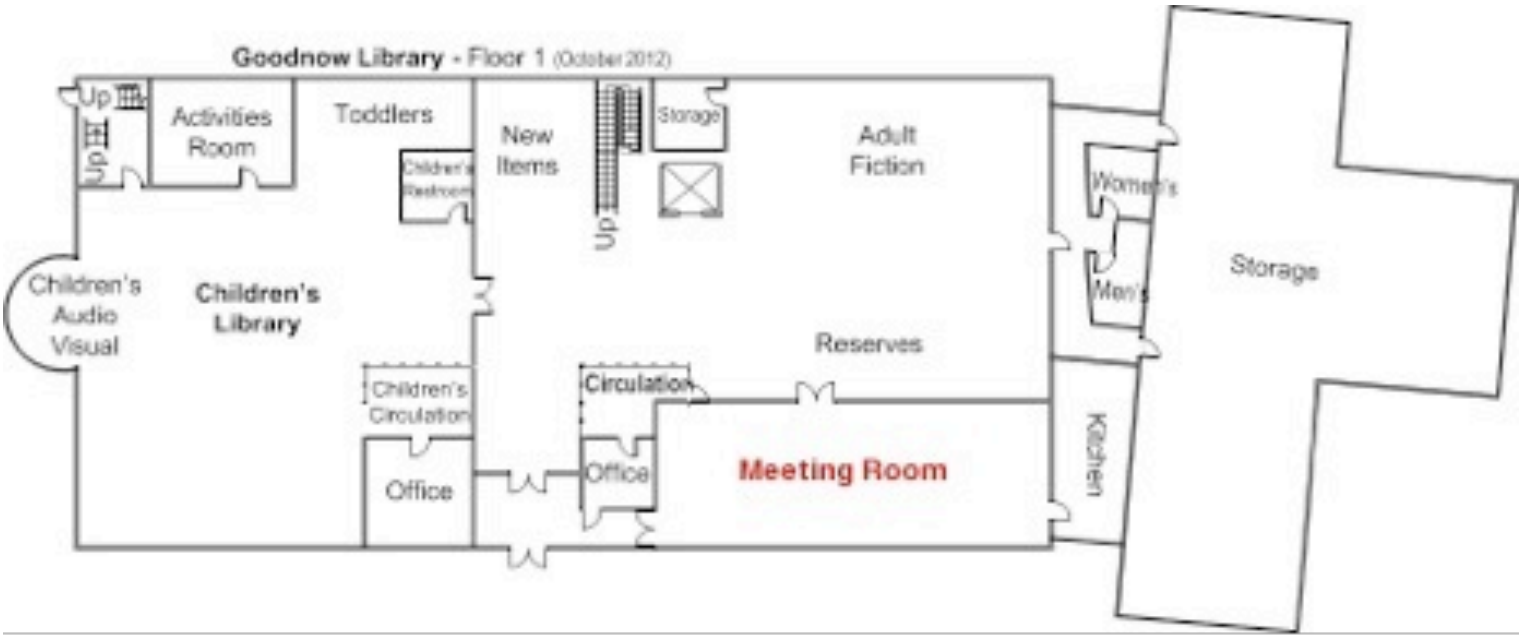
Scott (Sudbury)
508-203-3845

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

Technology advances; Charlie stays the same.



February Club Meeting
Guests are Welcome

Wednesday, February 18, 2015
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

Junior membership is free apply at 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

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).

John Epping
Membership Secretary CRRC
43 Nylander Way, Acton MA 01720
781-771-7400
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)	Free if AMA member	Free if AMA member
☐	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.