



CRRC Flight-Log

October 2015

<http://www.charlesriverrc.org>

AMA Charter 339

Next General Meeting

Wednesday October 21, 2015 7:30PM at Goodnow Library

The Speaker, Cody Wojcik, will be talking about his recent competition and model airplane design



CRRC General Meeting Minutes for September 8, 2015

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

Field Reports:

Medfield field is well mowed, dry and in very good condition.

Davis field is in good condition. Some mention has been made concerning leveling of the parking lot to fill in potholes. The owner of the house across Rt 117 from Davis field has complained of errant planes landing on his property, so flyers are cautioned to avoid flying across Rt 117.

CRRC has established a relationship (and paid some usage fees for the School Street

soccer field). Currently there are soccer activists at the field that have priority over flying. Saturday and Sunday after 4:00 should be available. The Acton park department would like CRRC to help establish some safety rule for flying at this site. This may cause some friction with previous users of the field that have been flying informally previously with no rules. Basic rules proposed are no gas or glow powered planes, no flying over houses or roads, and organizing a flight line to keep planes away from pilots and people.

New Business:

Club approved purchase of oars for use at the float fly.

Raffle Winners



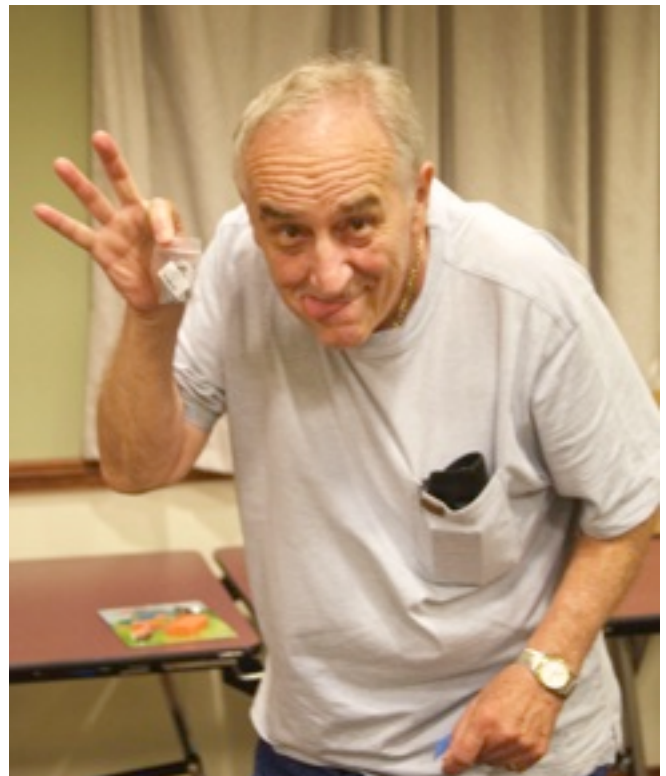
Istvan Sleder: Bloody Baron foam kit and parts kit



John Eppling: Flite Test Mug



Mary Livieratos: Kit to make an RC electric powered paper airplane



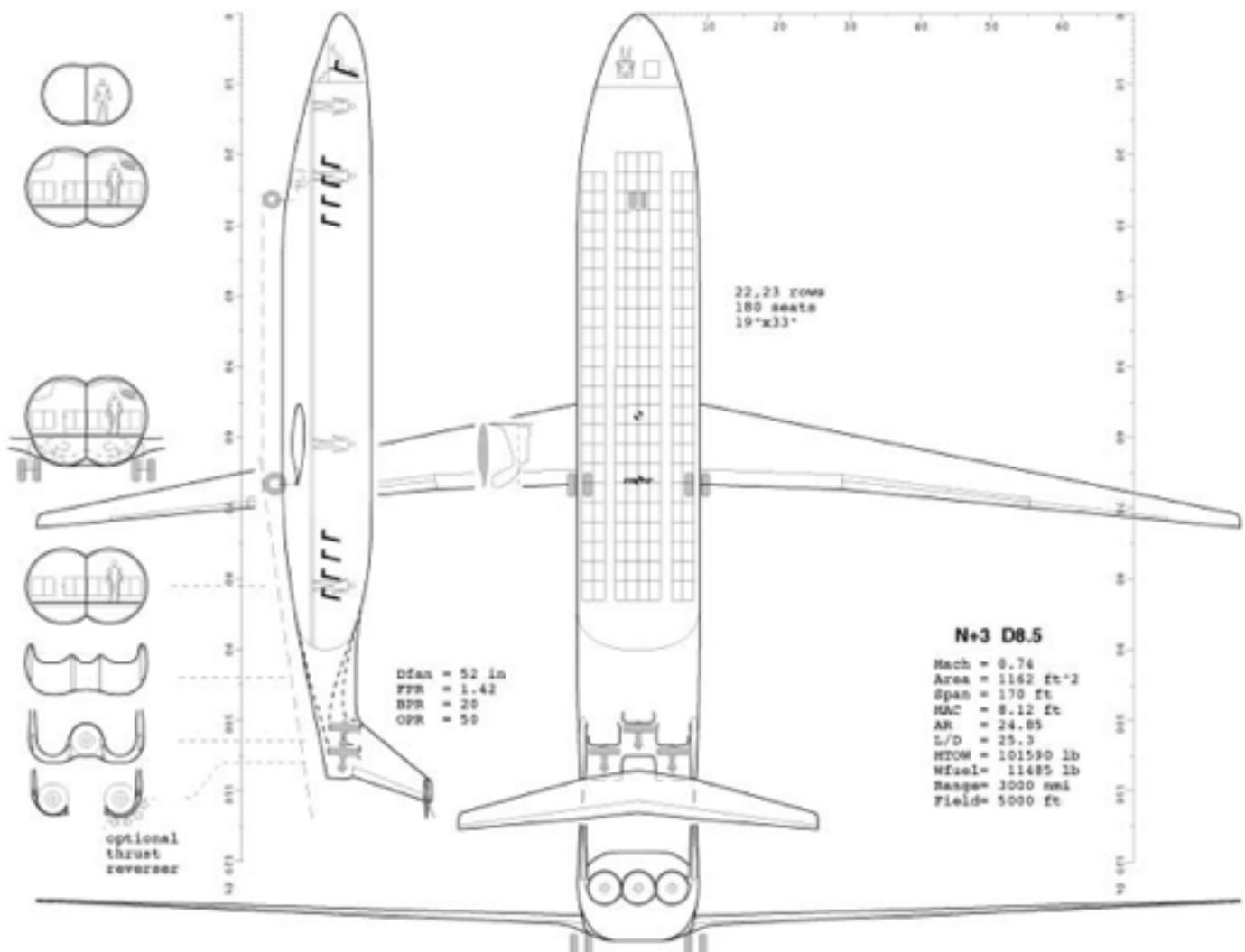
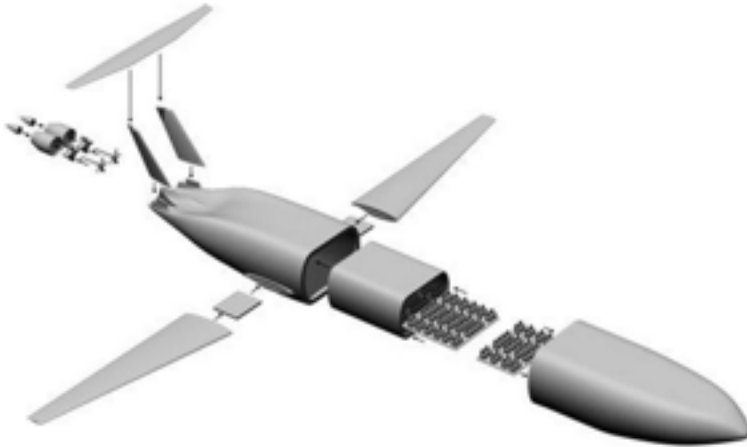
Bill Northtrop: Orange Rx receiver

Speaker

Vinnie Livieratos of Aurora Flight Sciences

Discussed some of the ongoing projects of the corporation.

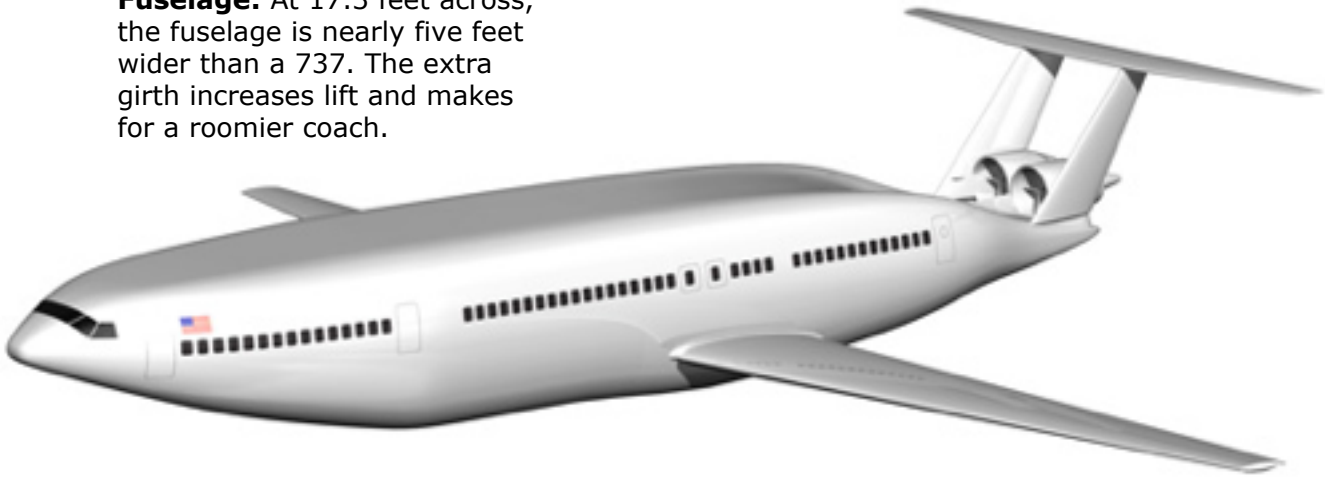
Also talked about the NASA concept jet the
D8 Double Bubble



The D8 “Double Bubble”

Fuselage: At 17.3 feet across, the fuselage is nearly five feet wider than a 737. The extra girth increases lift and makes for a roomier coach.

Aft engines: Engines mount at the rear of the plane instead of beneath the wings. In this position air hits the engine inlets at a slower speed, so less power is necessary to provide the same amount of thrust. The engine fans are smaller too, resulting in a quieter flight.



Lifting Nose: The upturned nose shifts the center of lift forward, reducing the downward tail force allowing for a smaller, lighter tail.

Wingspan: The reduced cruising speed (about 10 percent slower than a 737) affords a longer wingspan. The long wings decrease drag and increase efficiency.

Some additional resources

Making an Extraordinary Machine Better: The D8 Aircraft Concept

Discussion of jet transport aircraft history and economy development progress. Concepts for improving economy (fuel burn). Presentation and description of D8 aircraft concept.

https://www.youtube.com/watch?v=A032L_DakDI

also

http://web.mit.edu/drela/Public/papers/Hawaii_11/Drela_AIAA2011_3970.pdf

<http://web.mit.edu/drela/Public/N+3/tasaa.pdf>

<http://web.mit.edu/aeroastro/news/magazine/aeroastro-no3/2006drela.html>

Show and Tell



Neil Kaufman talked about his newest scratch built model



Brian Rickman told of the quick build of a recent foamie.



Joel Forner had a Hobbyzone Sport Cub with panic recovery mode.



Presidents letter October 2015

Flying season is winding down... or is it? The weather has been reasonably warm and pilots have been out at all three of the fields we run. I hear the late afternoon flying has been excellent. Timing at the Acton field on School Street fits well with pre-dusk flying. CRRC's 4:00 to dusk weekend reservation at the Street field is perfect timing. The large field size and shorter tree height makes for smooth air and calm pilots.

October 24th is Tinker Time at the Goodnow Library, a fundraiser event put on by the Friends of Goodnow Library. CRRC will be showing the public a great variety of flying aircraft including quad copters, micro helicopters, planes, scale building, first person video flight and a chance to fly a flight simulator. This will be a great event to help people understand what the fascination with model aircraft is about.

Brian Rickman has been working hard to bring fun and entertaining guest speakers to our meetings. October is no exception. Cody Wojcik will again be attending our October meeting to discuss model airplane design.

Have you been thinking of cleaning your basement or shop to make room for a new project? We at CRRC want to help. Your family will thank you for giving them space and your fellow modelers will be happy to fill their shops with your RC treasures. Save the date, November 29th for the CRRC annual auction.

Elections are coming, elections are coming. November is election month and the CRRC needs volunteers to fill some of the club officer positions. If you'd like to help out or are curious what each position entails, this issue of the CRRC newsletter has the info you need. Check out Brian's write-up in this newsletter.

Be a good neighbor. Several of our flying fields now have homes abutting the fields. This is the case with both Davis Field and the School Street field. Be respectful of neighbors near our flying sites. Don't fly over their homes or practice your aerial photography with homes and yards as subjects. For many people, we are the face of radio controlled aircraft and our actions will make an impression on the community. Lets make that a good impression.

In case no one has told you, we have rented a new field. It's at the Acton soccer fields on School Street. We officially have rented the field from 4:00 to dusk on Saturdays and Sundays. There are some non-CRRC fliers that we share the field with, so say hello. If they see the benefit we bring to the field, they may join us.

Safety Corner:

Hunting season is here. Davis field abuts farmland and woods where hunters are active. Hunting season goes until the first of the year from Monday through Saturday. If you lose your plane in the woods, it's best to retrieve it on Sunday.

If you are flying at the School Street soccer fields, please observe a flight line. The flight line runs parallel to School Street about 20 to 30 feet from the street. This should apply to all aircraft, electric powered or gliders. Also, please keep all aircraft within the boundaries of the field (Route 2 to the north, School Street to the west, access road to the south, and the trees to the east.

David Spielman

Club Officers

Intro by Brian Rickman

It's that time of year again. The leaves are turning colors. The air is getting colder. The gym is available for indoor flying. The current CRRC officers are thinking about who might take their place next year. When I first joined the club, I had no idea what a club officer would be expected to do, and certainly did not imagine myself running for office. Quite a few years have gone by since then. I've been Webmaster, Chief Instructor, and Vice President. Each role has been challenging and enjoyable in its own way. None of the positions I've held have required more than a couple hours per week of my time. I suspect most CRRC members don't really know what is involved in being an officer, so I asked the current officers to each write up a description of their role. Would you like to get more involved with the operation of the club? Please consider running for office this year. Elections are in December.

"President" otherwise known as the Grand Poobah

by **David Spielman**

The president's position has awesome powers associated with it. From the president's pilot seat you can get things done, especially if you do them yourself. Make friends with other club members and you'll get people to help you. The president's job is to be yourself, advocate for the club where you can and help to promote goodwill between the public and the club. Go to the flying field, bring some planes, see your friends, talk to visitors and promote the club. Delegate tasks when you can, and remember not to ask for anything that you wouldn't be willing to do yourself, but delegate so you aren't the only contributor. You do not have to go out of your way very often. Fly at your usual locations, see your friends who put you in the roll and write about what's happening once a month. Also, help the Board of Directors plan out the events calendar.

The president's position is not difficult and not very time consuming. As president, I like to attend all the general and board meetings. I visit the field about once a week, but also understand that I have work and family obligations that keep me from visiting the fields as often as I want. The position uses about 8 hours a month including attending general meetings, board meetings, scheduling events at the library and writing the president's letter. Your family may think you're spending more time, but secretly you're shopping for parts for your next project or googling stupid things people do with quads.

The three year term limit for president is there to help you move on to do other things and if need be recharge your internal batteries. I remember leaving the newsletter editors position and really enjoying reading the next person's newsletter. Reading the newsletter cover to cover, rereading my presidents letter and seeing all the fun our club members are having is one of many rewards of the president's position.

Cont'd

Vice President

by **Brian Rickman**

The primary responsibility of the Vice President is to find guest speakers or activities for the monthly meetings. Scheduling speakers usually takes an hour or two per month. I feel obligated to attend all the monthly CRRC meetings (3 hours per month), and the BOD meetings (2 hours per month). So the total time commitment for this position is about 7 hours per month.

Doing this job requires some organizational skills, and a willingness to contact people you don't know on behalf of the club. Club members often suggest guest speakers, so doing this job does not require that you have a huge social network. After being VP for about 18 months, I have built up a substantial list of possible guest speakers and activities. If I am re-elected, I will use some of these speakers next year. If not, I'll pass on the list to my replacement.

Treasurer

Dave Marshall

Treasurer or caretaker of the clubs funds is a straight forward job that takes relatively little time. With on line banking, you may only visit the bank two times, once to transfer the account to your name and once to transfer the account to your successor. Writing checks and making deposit runs is a thing of the past, since this is all done on line too. You do have to be computer savvy with skills in on line banking, PayPal, quicken and Excel. Honesty is the best policy in this job, so if temptation is your weakness, another CRRC job would be better. You will be responsible for balancing the books and providing a treasurers report each month. If you have been in finance, accounting or are a home book keeper, this job is easy.

Recording Secretary

by **Daniel Sullivan**

The recording secretary's role is to take notes and prepare minutes of each CRRC meeting for the newsletter. Mostly this means he/she must attend all the CRRC meetings and record any official decisions. In addition, other activities at the meetings (raffle winners and show and tell descriptions) are recorded for publishing in the newsletter.

Membership Secretary

by **John Eppling**

The membership secretary maintains the membership list. This involves processing membership applications and any fees received (checks are deposited via mobile banking application while PayPal payments go directory into CRRC banking account), and sends out membership ID cards. The membership secretary also maintains the CRRC Handbook. Besides attending the monthly general meeting as well as the Board-of-Directors' meeting, the role does not take much time. It takes just a few minutes to process each application as they come in. The application processing is enter the member info into Excel spreadsheet, write member name on ID card, stick it in an envelope, address it, stamp it, and put it in the mail box.

Cont'd

Webmaster

by **Adam Smith**

CRRC Webmaster is a simple or complex job depending on your interest and abilities. Regular duties include timely posting of Newsletters and other announcements to the site, and maintenance of the "upcoming event" and calendar information for club meetings and events. This requires as little as a few minutes a week, though it's good to be able to post promptly when updated information is available. Some technical experience is required to deal with the site content via FTP or the web Panel interface; depending on your objectives, experience with more complex web technologies could be useful. The existing web site has lots of great content, but most of it is static and doesn't need ongoing maintenance. Irregular updates may be required as field access and use or other details of the club's activities change. For a motivated webmaster with online publishing experience, more extensive updates could be possible to update and extend the CRRC site. Like the Newsletter post, being Webmaster is a good way to learn about and stay connected to a broad range of Club activities and people.

Newsletter Editor

by Bob Sisson

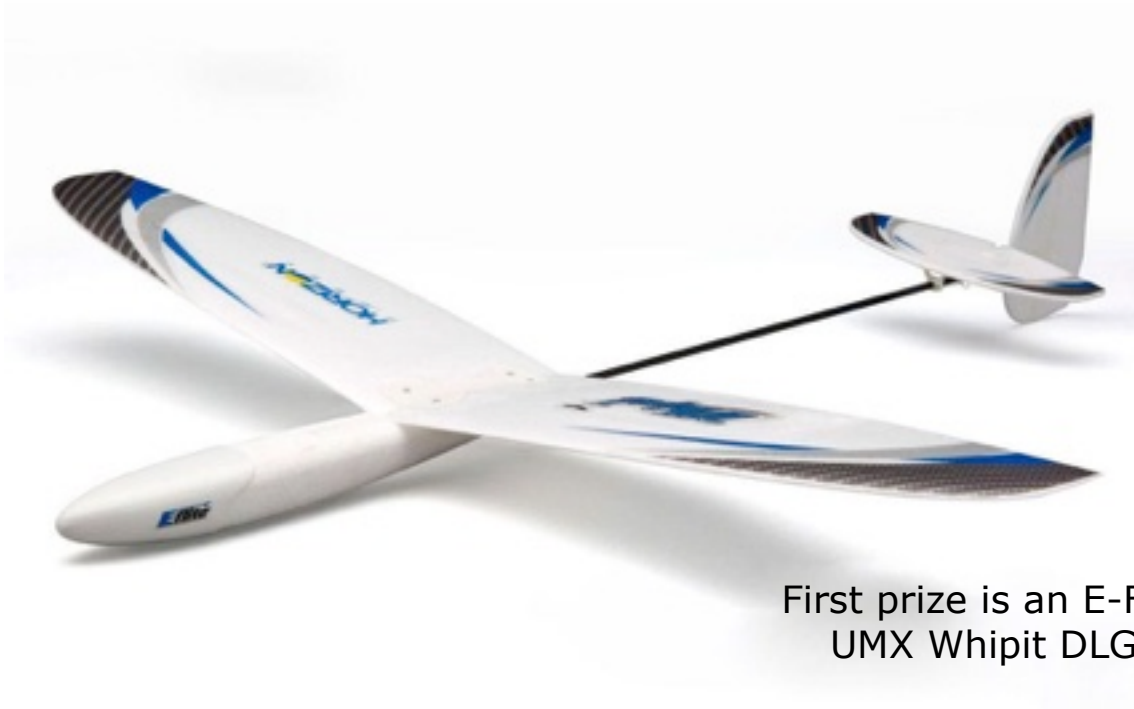
Being a newsletter editor can be as simple as a sheet of paper with plain text or as complex as your mind wants it to be. The most important value is to make it an interesting document, something members will enjoy reading, viewing. It does require some sacrifices in time. If you want to include photos of club contests and you also want to participate in the contest then you have to enlist the help of others to capture the activity. Being the newsletter editor can be a good way for a new member to become more familiar with the clubs activities. It does require some dedicated time to put everything together but most of the text is supplied by others. Text is another area where you can enlist the help of others for newsletter content. Overall being the newsletter editor is enjoyable and rewarding.

Chief Instructor

by Brian Rickman

The primary responsibility of the Chief Instructor (CI) is to match new pilots who want help with experienced pilots who can provide that help. The CI also needs to maintain the list of [volunteer flight instructors](#). The CI does not need to be an expert pilot. He (or she) does need to be organized, easy to contact via phone and email, and willing to help people. The time commitment for this position varies widely. If the CI chooses to do a lot of the teaching himself, then he is likely to spend 5 or more hours per week working with student pilots. If he chooses to do no teaching himself, then he might spend less than one hour per week matching student pilots with instructors. I found this role to be very satisfying. I met many interesting people and greatly improved my own piloting skills.

October Raffle Prizes



First prize is an E-Flite UMX Whipit DLG.



Second prize is a FliteTest Lipo bag.

There will be a few other "Mystery" prizes!

Fall Float Fly





A Windy Float Fly Day

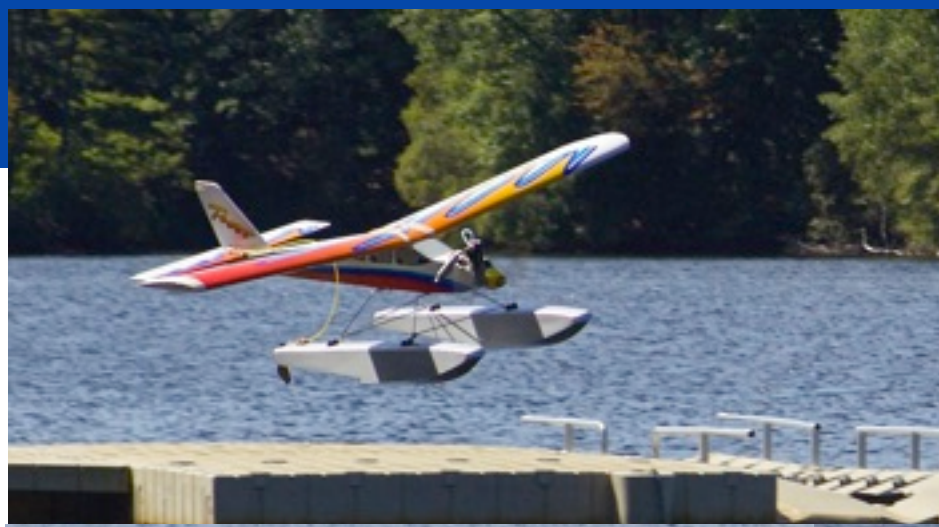
It looks bad



but...with good reflexes







Cont'd
↓



All's Well That Ends Well



LEARN TO BUILD AND FLY RADIO CONTROLLED MODEL AIRPLANES with BRIAN RICKMAN

There are many types of model airplanes, ranging from tiny micro-models weighing less than one ounce to huge 1/3 scale models weighing 50+ pounds. In this class you'll build a relatively small, simple plane that can be flown in a small space such as a soccer field.

The skills you learn in this class can be applied to building and flying larger or more advanced models later. We will spend two evenings at Hobbyland building the plane and installing the electronics that make it controllable.

Please bring a hot glue gun, a hobby knife, a sanding block, and a small pair of pliers.

The cost of this class includes one model airplane and everything that is necessary to fly it.

Kids are welcome with a parent for no charge, if they make one plane together.

When class is over, volunteer flight instructors from the [Charles River Radio Controllers](#) club will be glad to help you learn how to fly your plane at no charge.

**Two Consecutive Thursdays
October 29th & November 5th at 6:30 PM**

To sign up call: 978-637-2275

or

E-mail: info@hobbylandstow.com

This class is sponsored by Charles River Radio Controllers Club

**Cost for both classes: \$100
Payment by cash or check only, please.**

Officers

President

David Spielman

president@charlesriverrc.org

Vice President

Brian Rickman

vicepresident@charlesriverrc.org

Membership Secretary

John Epling

membership@charlesriverrc.org

Recording Secretary

Dan Sullivan

secretary@charlesriverrc.org

Newsletter Editor

Robert Sisson

newsletter@charlesriverrc.org

Treasurer

Dave Marshall

treasurer@charlesriverrc.org

Webmaster

Adam Smith

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

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

October 21, 2015

General Meeting at Goodnow

Tuesday Nov 17, 2015

General Meeting at Goodnow

November 29, 2015

CRRC Auction VFW Natick

December 16, 2015

General Meeting at Goodnow

Frozen Finger Fun Fly

January 1, 2016

Davis Field

January 20, 2016

General Meeting at Goodnow

February 17, 2016

General Meeting at Goodnow

Tuesday Mar 15, 2016

General Meeting at Goodnow

April 20, 2016

General Meeting at Goodnow

May 18, 2016

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 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.

Tree Climbers

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

Paul Harrington (Medfield)
508-376-2573

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

Davis Field

Recently there has been some discussion about the use of Davis field below is a letter written by Dick Williamson that addresses the concerns.

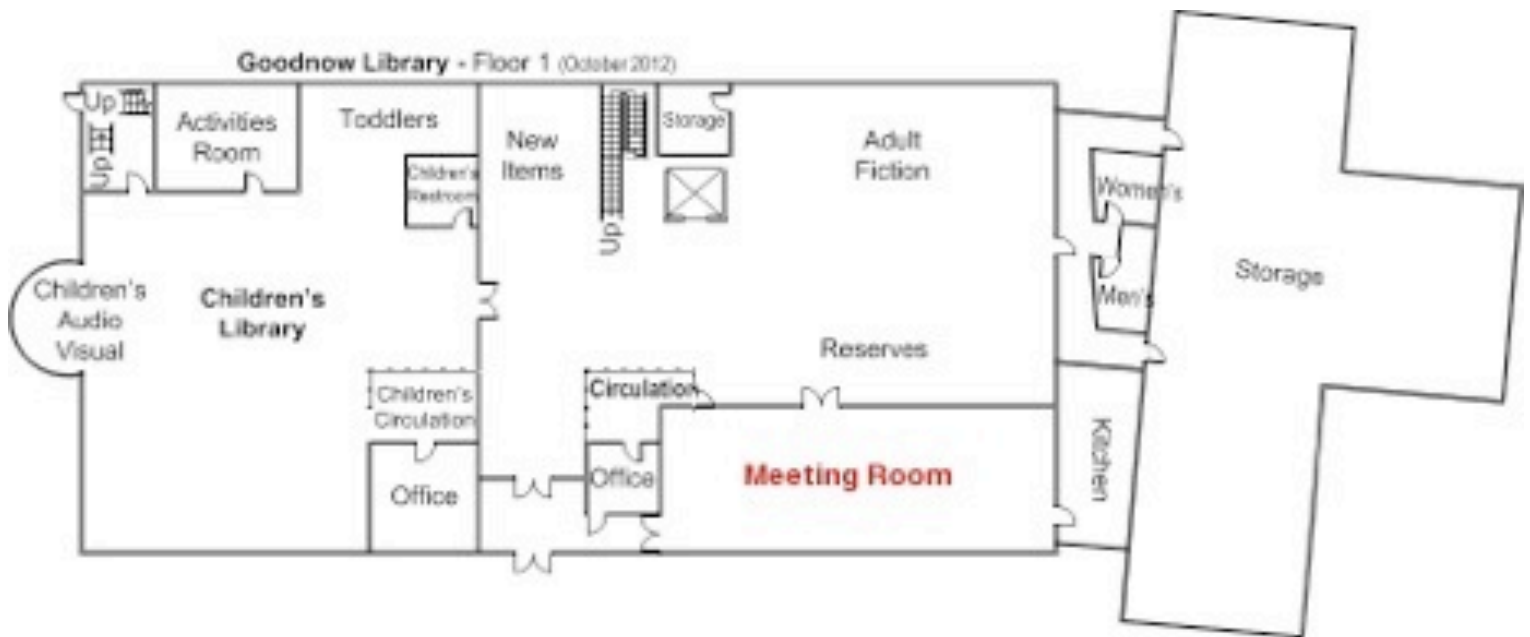
"CRRC has paid \$600 for each of three seasons, spring, summer and fall. What we get for our funds is not obvious. The Park and Rec. director gives priority to Sudbury youth team sports. Next priority goes to Sudbury adult team sports. CRRC gets only the times that these other groups do not want.

This year, Sudbury youth soccer has scheduled games and practices for almost all of the hours of a week except weekdays before 4:30 pm. What CRRC gets for its permit fees in the spring and fall is weekend mornings until 11:30 am. I have spoken with the SYSA scheduler and requested that game times on weekends start at 1:00 pm so that CRRC could use the field until 12:30 pm. That request was rejected.

Soccer lasts until the first week in November. Soccer may not actually use the field during those late fall days, but the SYSA permit reserves Davis Field until late in the fall.

The SYSA fall permit reserves Davis Field from 4:30 pm to dusk on all week days. However, the scheduler typically doesn't know what hours will actually be used. That is up to the coaches and the coaches don't run the web site."





October Club Meeting Guests are Welcome

Wednesday October 21, 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