

# Newsletter of the Charles River Radio Controllers, Inc.



**AMA CHARTER 339**

**April 2012**

**VOLUME 49 NUMBER 04**

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## 2012 CRRC OFFICERS

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**Sky Andrew**

**617-797-8052**

[president@charlesriverrc.org](mailto:president@charlesriverrc.org)

VICE-PRESIDENT

**Open**

[Vicepresident@charlesriverrc.org](mailto:Vicepresident@charlesriverrc.org)

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**Ray Harlan**

**508-358-4013**

[membership@charlesriverrc.org](mailto:membership@charlesriverrc.org)

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**Larry Wetmore**

**781-449-5358**

[secretary@charlesriverrc.org](mailto:secretary@charlesriverrc.org)

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**978-897-9310**

[newsletter@charlesriverrc.org](mailto:newsletter@charlesriverrc.org)

TREASURER

**Dave Marshall**

**781-414-9423**

[treasurer@charlesriverrc.org](mailto:treasurer@charlesriverrc.org)

WEBMASTER

**Bert Cohen**

**508-358-2601**

[webmaster@charlesriverrc.org](mailto:webmaster@charlesriverrc.org)

RAFFLE CHAIRMAN

**John Eppling**

**781-771-7400**

[xofficio@charlesriverrc.org](mailto:xofficio@charlesriverrc.org)

SAFETY OFFICER /

CHIEF INSTRUCTOR

**Richard (Dick) Williamson**

**978-618-5475**

[chiefinstructor@charlesriverrc.org](mailto:chiefinstructor@charlesriverrc.org)

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## Upcoming CRRC Events

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**Davis Field Cleanup**

April 14<sup>th</sup> at 9:00 AM

**Medfield Cleanup**

April 7<sup>th</sup> at 9:00 AM

**Spring Float Fly**

May 19-20

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## Winter Projects

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**April General Meeting**

Wednesday

04/18/12

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## GENERAL MEETING

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Wednesday

04/18/12

@

7:30 PM

The Club Meeting for this month will be held at the Goodnow Library in Sudbury. Bring a friend or just come alone. See directions on the last page.

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**RAFFLE**

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**First Prize**  
**Choice of**

Ultra Micro Sukhoi SU-26xp BNF by ParkZone



Walkera CH-47 RTF



Snap & Fly 3-in-1 Micro RTF by Guillow



139/n/Align-T-Rex-100S-Super-Combo-Electric-RTF-Micro-Helicopter-Kit



P-51 Airfield RTF



Flyzone Cessna 182 RTF -



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## President's Letter

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It seems the good weather is finally here! The allergies are alive and the sunshine and warm temperatures seem to be getting more and more persistent. I, for one, have burned a gallon of fuel in the last

month (through a .50) and look forward to burning some more. The weather is a good indicator of the season approaching but there are other reminders. First come the perennial favorite, clean up days! Last weekend Bill Martin Field had a bit of a polish and this weekend Davis Field is scheduled to have the same.

Hopefully a mild winter and a new alliance with the dog people will make them non-events. Next, don't forget that this month is The CRRC annual winter project competition. I hope to see a good review again this year.

After that, The South Shore Radio Control Club has its big multi club auction this month down in Bridgewater on 21APR2012. I plan to get a couple planes to fly for the summer at what looks like the last and maybe the biggest of the year. Once the auctions are gone, its time to fly. Here come competitions, fun fly events, and the dreaded first crash of the season. Luckily for me I have already knocked out the crash event for this season! That's why I need to get to that auction next weekend! Before we know it we will be complaining about the heat, bugs and sunburn. Finally, the number one indication that the flying season is nearly here is the difficulty staying focused at work. It seems that when you can't fly, the sky is a bit bluer, the winds are a bit calmer and the windows are a bit larger. Don't work too hard! Find the field!

Little Plane, Big Sky

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## Treasurer's Report

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### March Activity Report Date 03/31/12

|                                    |                    |
|------------------------------------|--------------------|
| <b>Starting Balance 03/01/12</b>   |                    |
| Checking                           | \$6,177.58         |
| Cash Box                           | \$25.00            |
| PayPal Acct                        | \$381.03           |
| CD Accounts                        | \$6,882.74         |
| <b>Total Starting</b>              | <b>\$13,466.35</b> |
|                                    |                    |
| <b>Income - CDs</b>                |                    |
| Interest March                     | \$1.91             |
|                                    |                    |
| <b>Total Interest</b>              | <b>\$1.91</b>      |
|                                    |                    |
| <b>Income - Checking</b>           |                    |
| Membership                         | \$470.00           |
| Raffle                             | \$57.00            |
| <b>Total Income</b>                | <b>\$527.00</b>    |
|                                    |                    |
| <b>PayPal Activity</b>             |                    |
| Membership                         |                    |
| less PayPal fee                    |                    |
| <b>Total activity</b>              | <b>\$0.00</b>      |
|                                    |                    |
| <b>Expenses - Checking</b>         |                    |
| 2010 Winch String- Fritz Bien      | \$77.34            |
| Stationery Supplies #1906          | \$113.93           |
| <b>Total Expenses</b>              | <b>\$191.27</b>    |
|                                    |                    |
| <b>Ending Balances</b>             |                    |
| Checking                           | \$6,513.31         |
| Cash Box                           | \$25.00            |
| PayPal Acct                        | \$381.03           |
| CD Accounts                        | \$6,884.65         |
|                                    |                    |
| <b>Grand Total Ending 03/31/12</b> | <b>\$13,803.99</b> |

David Marshall  
CRRC Treasurer

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## February Meeting

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### Business Meeting

President Sky Andrew opened the business meeting at 7:30 PM at the Olin College Academic Center, Wellesley, MA, with host Andrew Bennett



The treasurer and secretary's reports were approved as written in the March.

### Field Reports

Ken Antonellis reports that a winch was in use on Davis Field this past Sunday. The field was a bit muddy. Bill Martin Field gets a good report although the bugs are beginning to appear with the unusually mild weather conditions

### Membership Report

Membership chair Ray Harlan reports our membership is at 75 and growing.



### Board of Director's Meeting

The BOD meeting will be an online Skype session next Tuesday at 7:30 PM. Bob Pease volunteered to join as member at large.

### Old Business

Sky has distributed the updated rules for Bill Martin Field via email. The Millis MAC has voted to approve the revised rules. CRRC will vote on the rules at the April meeting.

## New Business

The spring cleanup for Bill Martin Field is scheduled for Saturday, April 7, at 9 AM. The Davis Field spring cleanup is scheduled for Saturday, April 14. Bert Cohen and Sky Andrew joined our friends at the Marine Modelers of New England at their recent monthly meeting in Medfield. Bert and Sky displayed a collection of aircraft and answered questions about RC aircraft.

## New Wings

No new wings.

## Guests

Wally Adaszczik, of the Southern New Hampshire RC Club was accompanied by Dave Beach. Wally is an RC glider pilot and flies in Hudson, NH. Sky's dad, Rick Andrew was a guest this evening. Dave Speilman was joined by his family Suzie, Alex and Kurt.



## Raffle

Ray Harlan was tonight's first prize raffle winner of a Phase 3 P-40 Warhawk.



Second prizewinner Sky Andrew took home a metric balldriver set.



## Show and Tell

Dave Speilman has been busy lightning up his Majestic sailplane. Dave rebuilt the ruddervators, replaced push rods and wing rods with carbon fiber, removed three ounces from the tail and seven ounces of lead from the front end.



Dick Roy is getting his new GremTwin ready for its inaugural flight. The GrewmTwin sports elevons and differential thrust from its twin brushless motors.



Dick claims “it’s going to go fast,” and in jest “it’s going to be a real sailplane killer.”

Ian Lanley proudly displayed his new T-Rex 500. Ian's style is sport flying and his tail rotor is already showing grass strains



This is Ian's first electric heli and he enjoys the freedom from having to deal with the fuel of his other larger glow helis.



Ian gets three to four minutes flying time from his 6S HobbyKing Lipo pack and is happy with the performance.

## Guest Speaker

Our host and guest speaker for the evening was fellow CRRC member Dr. Andrew Bennett, Director of the Senior Capstone Program in Engineering and Associate Professor of Mechanical Engineering at Olin College.



Andrew has an impressive resume, including positions with MIT, iRobot, and Disney. One of Andrew's projects was the creation of the dinosaurs at Disney's Animal Kingdom. Andrew showed a short video highlighting Olin's Autonomous Vehicles Lab. The curriculum is project based and students are part of a team each semester during their time at Olin. Following the video presentation we were treated to a laboratory tour. The lab was packed floor to ceiling with land, sea, and air vehicles of every description and in various stages of construction.

Foamy RC aircraft were hanging everywhere.



Andrew's philosophy is to hand every student an RC aircraft and let them fly.



To most of us, all these vehicles represent a passion or hobby, while these students use them as jumping off platforms to study hardware and software algorithms to perform complex tasks. Andrew and some of his students are now

working on an entry for the Sailboat 2012 challenge to be held this June in Vancouver.



Students must design the control system for a 2-meter RC sailboat to autonomously complete a set of tasks including navigating a 10-km course, and staying on station without any manual intervention.



The students' design uses a softball sized sensor system to provide wind direction, speed, and GPS position information. The students are testing their design at Wellesley College's Lake Waban. Elsewhere in the Olin building is a complete machine shop where students can get valued hands on experience crafting the mechanical hardware to implement their designs. CRRC expresses their thanks to Andrew for giving us an introduction into this exciting and innovative Olin program.

***Recording Secretary  
Larry Wetmore***

***Photos courtesy of  
Dick Roy***

## CRRC BUILDING AND FLIGHT INSTRUCTORS

To start your flight instruction; please call our chief instructor:

**Richard (Dick) Williamson**  
978-618-5475

Dick will match you with one club instructors. Our instructors are qualified and willing AMA pilots and fellow club members.

See <http://www.charlesriverrc.org> for directions to the flying fields. If you have any questions about the construction of your airplane, or want to have an experienced pilot pre-flight check your airplane before heading to the flying field, then call Brian or any of the building instructors.

| Name            | Town          | Phone        | Building | Glider | Electric | Fuel | Helicopter |
|-----------------|---------------|--------------|----------|--------|----------|------|------------|
| Dick Williamson | Sudbury       | 978 618-5475 | Yes      | Yes    | Yes      |      |            |
| Fritz Bien      | Concord       | 978 369-1720 | Yes      | Yes    | Yes      |      |            |
| Tom Bauer       | Wellesley     | 781 235-7344 | Yes      | Yes    | Yes      |      |            |
| Brian Rickman   | Marlborough   | 774 249-2494 | Yes      |        | Yes      |      |            |
| Derick Veliz    | Acton         | 978 337-7867 | Yes      |        | Yes      |      |            |
| John Weigel     | Natick        | 508 655-2138 | Yes      |        |          |      |            |
| Richard Gammon  | West Boylston | 508 835-2049 | Yes      | Yes    | Yes      | Yes  |            |
| Ken Antonellis  | Natick        | 508 653-8369 |          | Yes    | Yes      | Yes  |            |
| Bruce Schneider | Hudson        | 978 460-0305 |          | Yes    | Yes      |      |            |
| Lincoln Ross    | Maynard       | 978 800-0608 |          | Yes    | Yes      |      |            |
| John Nilsson    | Clinton       | 978 368-7136 |          | Yes    |          |      |            |
| Dave Walter     | Hudson        | 978 562-5400 |          | Yes    |          |      |            |
| Jon Leehey      | Wayland       | 508 358-5721 |          |        |          | Yes  |            |
| Tony Davids     | Stow          | 978 568-9598 |          |        |          |      | Yes        |

## TREE CLIMBERS, KEYS, MEMBERSHIP & BOARD MEETING

### TREE CLIMBERS

**Lloyd Keyes:** [Wayland]  
508-358-9197 or 508-341-0110

**Michael Lynch** [Wayland/Sudbury]  
Lynch Landscape & Tree Service Inc.  
508-665-0798  
lynchlandscape@yahoo.com

**Paul Harrington** [Medfield]  
508-376-2573

**Monkey Man** [Marlboro]  
508-215-4290

**Scott:** 508-203-3845 [Sudbury]

**Tony Morais**  
**A1 Tree Services** [Framingham]  
508-626-0088 or 800-657-7788

**Stephen Canessa**  
The tree guy  
978-460-1000

*Editors Note: If you know of any tree climbers or tree services,*

*please send contact information to the Newsletter Editor*

### Keys to the Bill Martin Field

To get a Key for Bill Martin Field in Medfield please email Ken Antonellis at [kxa@verizon.net](mailto:kxa@verizon.net). Ken is the key-master. The key for the 2012 season is key #27. Ken may have keys at the meeting. A \$5 deposit is required the first time you receive a key.

### MEMBERSHIP

Here are the updated CRRC membership figures. The table summarizes the membership status from 2005 through 2012.

| Year | Renewals | New Members | Peak Totals |
|------|----------|-------------|-------------|
| 2005 | 144      | 20          | 164         |
| 2006 | 124      | 26          | 150         |
| 2007 | 132      | 32          | 164         |
| 2008 | 100      | 23          | 123         |
| 2009 | 90       | 28          | 118         |
| 2010 | 74       | 22          | 96          |
| 2011 | 82       | 26          | 108         |
| 2012 | 60       | 16          | 76          |

**-Ray Harlan**  
**Membership Secretary**

### DIRECTOR'S MEETING

The next directors meeting will be, Tuesday March 27 at 7:30 PM. It will be a Skype telephone meeting.



## THE CHARLES RIVER RADIO CONTROLLERS, INC

### 2012 MEMBERSHIP APPLICATION

AMA Charter 339

Name \_\_\_\_\_ AMA No. \_\_\_\_\_

Street \_\_\_\_\_ Birth Date (AMA req'd) \_\_\_\_\_

Town \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Tel. ( ) \_\_\_\_\_ - \_\_\_\_\_

E-mail \_\_\_\_\_

**IMPORTANT:** You must be an AMA member in order to receive your CRRC membership card.

To receive membership card and field pass, bring this application to a club meeting or mail to the membership secretary (address below). You can pay by check or use PayPal.

(PayPal to [membership@charlesriverrc.org](mailto:membership@charlesriverrc.org))

Please make check payable to:

**Charles River RC**

**Ray Harlan**  
**Membership Secretary CRRC**  
**15 Happy Hollow Road**  
**Wayland, MA 01778**  
**508-358-4013**

E-mail: [membership@charlesriverrc.org](mailto:membership@charlesriverrc.org)

#### SAVE \$5 - EARLY BIRD DUES RATES ARE LISTED

|                          | <b>MEMBERSHIP<br/>CATAGORY</b>                    | <b>On or before<br/>Mar 1, 2012</b> | <b>After<br/>Mar 1, 2012</b> |
|--------------------------|---------------------------------------------------|-------------------------------------|------------------------------|
| <input type="checkbox"/> | OPEN Member                                       | \$40.00                             | \$45.00                      |
| <input type="checkbox"/> | JUNIOR member,<br>(Under 19 before Jul. 1)        | \$10.00                             | \$10.00                      |
| <input type="checkbox"/> | SENIOR member,<br>(If age 60 before Jul. 1)       | \$30.00                             | \$35.00                      |
| <input type="checkbox"/> | SENIOR member,<br>(If age 75 before Jul. 1)       | Free if AMA<br>member               | Free if AMA<br>member        |
| <input type="checkbox"/> | Full time STUDENT                                 | \$20.00                             | \$25.00                      |
| <input type="checkbox"/> | Family member<br>additional to OPEN<br>membership | \$20.00                             | \$25.00                      |

Please choose 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.**

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## **NOTICE: THIS MONTH CRRC CLUB MEETING**

### **Guests are welcome!**

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**When:** Wednesday **April 18<sup>th</sup>**, 2012 (3<sup>rd</sup> Wednesday)

Note: Check for the meeting announcement in our monthly Newsletter.

**Time:** 7:30 p.m.

**Where:** Goodnow Library in Sudbury, MA  
21 Concord Road  
Sudbury, MA 01776

**Directions:** 0.1 miles on Concord Rd off RT 20 in Sudbury.



