Newsletter of the Charles River Radio Controllers, Inc.



CRRC Flight-Log

http://www.charlesriverrc.org

AMA CHARTER 339 **April 2011** **VOLUME 48 NUMBER 04**

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GENERAL MEETING

Wednesday
April 20th
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.

RAFFLE

First Prize

Gift Certificate
$50

Second Prize

Gift Certificates
$30, $30, 20

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Upcoming CRRC Events

April 2011:
2011 CRRC
Medfield Clean Up Day
Saturday Apr 23 - 9:05a
Bill Martin Field, Medfield, MA.

Upcoming Millis Club Events

April 9th Inman Field Mendon 9:00 AM
May 1st Hopedale Pond 9:00 AM
Oct 1st, 2nd (rain date) Hopedale Pond 9:00 AM
Oct 9th Milford Field Demo Day 9:00 AM
June TBA
April 23rd with 30 as rain date
Also 2 more indoor sessions dates TBD

Speaker

No speaker this month as we have the annual Winter Projects presentations.

Membership Report

Ray Harlan reports our membership roster stands at 72

President's Letter



Well, I guess I'm to blame for the last snow – I said this in last month's newsletter:

"*It looks like spring is almost here. Oops! Probably jinxed it by saying that. There is still April 1st to get past.*"

At least the snow didn't stay around for very long. So, it's time now for the fun to start.

Field Cleanup Days

Davis Field cleanup had to be rescheduled to the April 10th due to the snow. The cleanup at Bill Martin Field in Medfield will be on the 23rd of April. Last year, there were only a couple of people from CRRC at the Medfield cleanup. Please make an effort to come out and lend a hand if you are a regular user at Medfield. This year's cleanup at Medfield should be much lighter than last year's cleanup.

Winter Projects Night

The annual Winter Projects Night will be held during April's meeting at Goodnow Library on April 20th. This year, we had an extra month to finish our projects, so bring your projects out and show us what you have. Remember that there will be prizes (gift certificates to HobbyTown in Ashland) in different categories:

1. Best Winter Project : $50 Gift Certificate
2. 2nd Best Winter Project : $30 Gift Certificate
3. Best Before/After Project : $30 Gift Certificate
4. Member's Choice : $20 Gift Certificate

Everyone attending the meeting will be given colored postit notes, one color for each category. You will vote for one project in each category. The notes will be collected at the end of the meeting and winners will be announced.

Congressional Action

On April 1, the House approved the FAA Reauthorization and Reform Act (H.R. 658). Unfortunately, H.R. 658 did not include the amendment that exempts modeling activity from FAA regulation. The Senate did pass an amendment that exempts modeling from FAA regulation. It is now up to the Conference Committee to reconcile the Senate and House versions.

The AMA has now suspended any additional letter writing efforts. You can check with www.modelaircraft.org/gov for updates and any future call to action if necessary.

So, with the snow gone and nicer weather, there are no more excuses, so I hope to see everyone out at the field!

– John Eppling
CRRC President

Treasurer's Reports

March Activity Report Date 04/01/11

Starting Balance 03/01/11	
Checking	$4,727.39
Cash Box	$25.00
PayPal Acct	$362.69
CD Accounts	$6,852.52
Total Starting	**$11,967.60**
Income - CDs	
Interest Mar.	$3.16
Income - Checking	
Membership February	$460.00
March Raffle	$80.00
Membership March	$120.00
Total Income	**$660.00**
Expenses - Checking	
Float Fly Exp #1866	$55.00
Dick Roy Stamps #1867	$17.60
Feb Raffle #1868	$18.05
Mar Raffle #1869	$115.91
Feb Raffle #1870	$61.00
Apr Gift Certificates (Winter projects) #1871	$130.00
Total Expenses	**$397.56**
Ending Balances	
Checking	$4,989.83
Cash Box	$25.00
PayPal Acct	$362.69
CD Accounts	$6,855.68
Grand Total Ending 03/31/11	**$12,233.20**

– Richard Roy, Treasurer

March General Meeting Minutes

Business Meeting

The meeting was called to order by President John Eppling at 7:39 PM, at Wellesley College Science Center, Wellesley, MA. Our thanks to Tom Bauer and Wellesley College for hosting tonight's meeting.

The treasurer's report and meeting minutes were approved as written in the March newsletter.

Field Reports

Dick Williamson reports that the snow is off Davis Field. Davis Spring Cleanup will be held on Saturday, April 2. Youth soccer at Davis starts April 4, and will continue Saturdays through June 11; the field will be unavailable from about 11:30 AM to 3 PM. CRRC's permit covers every Sunday except May 22 and June 12 when the Central Mass. Rocket group has reserved Davis Field. The National Weather Service reports the Charles River in the vicinity of Medfield to be at 5 feet, which translates to Bill Martin Field being one foot under water. The key to Medfield was changed last month. Key #4 is now in use. Ken Antonellis has new keys.

Board of Director's Meeting

Next Tuesday's BOD meeting will be held as an online Skype conference. Wayne MacKeil will join in as member at large.

Old Business

None

New Business

Dick Williamson described a new contest format for E-soaring. Altitude Limited Electronic Soaring (ALES) uses an electronic device inserted between an electronic speed control and the RC receiver. The device shuts down the motor after 30 seconds or reaching an altitude of 200 meters, which ever comes first. The usual format is to allow four pilots to launch almost simultaneously, taking out the uncertainties of winches and wind, or differences in horsepower between different competitors. Dick reports that there is an active ALES discussion on RCGroups.com. The device normally retails at $50 each, but Dick has negotiated a quantity purchase for $40 each. Dick proposes hosting an ALES contest during the last weekend in August, two weeks after the soar-in. CRRC would offer the device for sale at $30 each, or alternatively, competitors could share several devices for a $10 rental fee during the contest. CRRC's initial outlay would be $600 ($40 X 15), with a maximum out of pocket expense of $150 (($40 purchase price - $30 sale price) X 15). A motion was made and seconded, with a unanimous vote, to authorize Dick to spend $600 for the up-front purchase of 15 devices. A show of hands indicated that eight members present would be interested in purchasing the device.



Sky Andrew would like to extend an invitation to a Cub Scout pack to attend CRRC's Float Fly, May 21 & 22.





John Eppling has been talking with another Cub Scout pack about developing a flying club that would extend over several weeks this coming fall.



New Wings

Andy Griscom made his first solo flight with a Super Cub last fall.

Guests

Ernie Griffin was a guest of Ned Watts. Ernie wants to help his grandchildren to fly but decided he better learn to do it himself. Ned has been assisting Ernie with a flight simulator. Rob Pease joined us last month and has made a return visit. Dimetri also joined us this evening and is interested in learning to fly RC.

The business meeting closed at 8:12 PM.

Raffle

Alan Marshall took first prize in the evening's raffle with an S107G coaxial, RTF mini helicopter.



Evan Hadingham was the second prize winner of a Great Planes EP Falcon ARF.



Show and Tell

While vacationing in Florida, Alan Marshall and brother David bought a new Radian Pro after reading all the chatter on the CRRC email. They attempted flying the Radian Pro with an under powered DSM2 transmitter that comes with some of park flyer RTFs, but ran





out of range. The plane went down in a golf course. They were able to retrieve it with only minor damage. Despite only a few short flights, Alan says it flies beautifully with ailerons and full flaps.

David Spielman showed off his new FMA Cellpro Multi4 Charger. It charges all battery chemistries, up to 4 cells at 4 Amps, and has 25 built in charge profiles.



Wayne MacKeil displayed an E-Flite Suhkoi. Wayne added a 475-watt motor to this 2 pound plane, so it should fly very fast!



Dan Griscom has been flying his Blade MCX2. He likes to fly without the cowling to give a more stable flight.



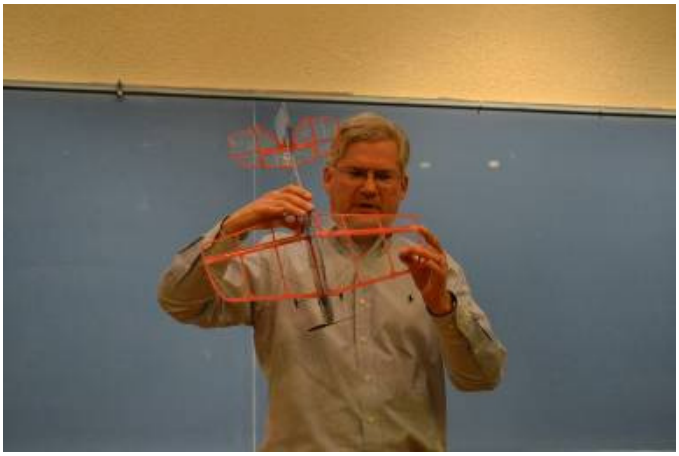
Sky Andrew displayed a DLE 20 CC gasoline engine to power a new plane under construction. He plans to turn a 3-blade 16X8 prop. He purchased an after market Pitts muffler to complement the engine, but it didn't fit and he will be returning it.



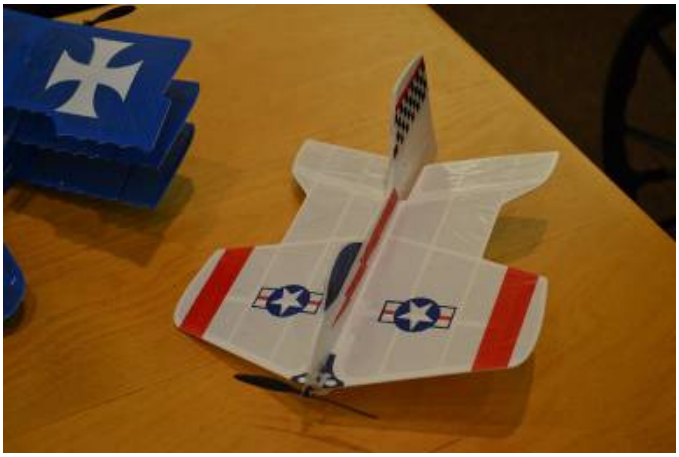
Evening Program

Our own Gordon Johnson was this evening's featured speaker. Gordon is a member of the Boston Micronauts Indoor fliers. Enter Gordon's name into a search engine and you'll find hits pointing to numerous articles he has written on very small, lightweight indoor aircraft. Gordon's forte is skeletonized planes, where he creates a structure out of Depron foam, removing as much weight as possible without compromising the structure's rigidity. He uses Reynolds Wrap, right out of the kitchen cabinet, as wing covering material. Gordon creates his planes on a laser cutter out of various weights of Depron foam. One plane he brought in for display was an truly an international master piece, with 0.65 gram hand made servos from Israel, a 0.25 gram brushless controller from Slovakia, and a 0.25 gram 900 MHz receiver. Small and lightweight doesn't come cheap, costing about $700 just for the electronics. This plane had a wing area of 100 square inches, with a wing loading of 0.95 ounce per square foot. Gordon's ambition is to build a plane that he can navigate in his living room, and especially to perform loops. To accomplish this goal, he needs to get the wing loading under 0.4 ounce per square foot. He is still working on it! After his presentation, we followed Gordon next door to a grand atrium in the Wellesley College Science Center that was perfect for demonstrating his tri-wing micro flyer. It flew majestically, two and three stories above the floor.

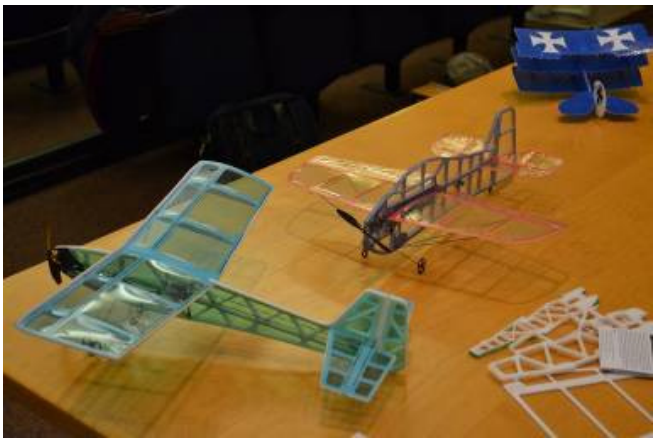














Photos courtesy of
Larry Wetmore and Richard Roy

Larry Wetmore
Recording Secretary

Addendum:

Tonight's meeting was well attended. John asked those present how the Wellesley location compared to Sudbury, and a number of attendees

indicated that Wellesley was better. Tom Bauer said that the lecture hall at Wellesley's Science Center was not available on a regular basis. Andrew Bennett is on staff at Needham's Olin College of Engineering and indicated that space at Olin was available for use. John suggested we revisit the issue at the board meeting.

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

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

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. Ken is the key-master. The key for the 2010 season is key #15. Ken will have exchange keys at the meeting. A $5 deposit is required the first time you receive a key. Keys are also available at Hobbytown in Ashland, MA (Valid CRRC membership required)

MEMBERSHIP

Here are the updated CRRC membership figures. The table summarizes the membership status from 2003 through 2010.

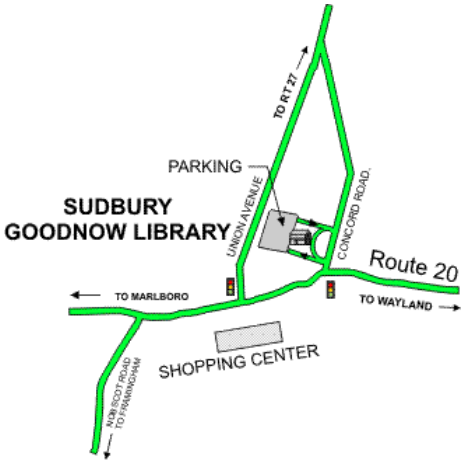
Year	Renewals	New Members	Peak Totals
2005	144	20	164
2006	124	26	150
2007	132	32	164
2008	100	23	123
2009	90	28	118
2010	74	22	96

2011			

-Ray Harlan
Membership Secretary

DIRECTOR'S MEETING

The next directors meeting will be, Tuesday April 26th at 7:30 PM, at the Sudbury Goodnow Library. All club members are invited to attend. Please volunteer to attend at the next club meeting. A Skype telephone meeting may take place instead.



THE CHARLES RIVER RADIO CONTROLLERS, INC

2011 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)

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

SAVE $5 - EARLY BIRD DUES RATES ARE LISTED

	MEMBERSHIP CATAGORY	On or before Mar 1, 2011	After Mar 1, 2011
☐	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 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.

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

NOTICE: THIS MONTH CRRC CLUB MEETING
Guests are welcome!

When: ***Wednesday April 20th, 2011 (3nd 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.***

