

Newsletter of the Charles River Radio Controllers, Inc.



AMA CHARTER 339

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GENERAL MEETING

Wednesday

11/14/12

@

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.

From September 2012 through May 2013, the CRRC monthly meetings will be on the third Wednesday of each month at Goodnow Library, as usual, except for November, March and April.

The November meeting will be on Wednesday 11/14, thus avoiding the evening before Thanksgiving. The March meeting will be on 3/13/2013 rather than our usual date because of a conflict at the library. Goodnow Library is not available during April 2013 so we will have to look elsewhere. The summer 2013 meetings (June, July and August) will be held at Davis Field.

-Dick Williamson

Upcoming CRRC Events

CRRC Fall Auction

November 25

12:00 Noon – 3:30

Setup 11:00 AM

Natick VFW

President's Letter

In 2010, I returned home to Massachusetts with a new hobby. Down south, I was on my own for advice, technique and runways. The RC clubs in southwestern Kentucky were few and far between. Quiet roads edging cornfields were plentiful and that's where I learned to fly. Of course, the internet was there to help with ideas, inspiration and products (read repair), but the internet cannot provide the sense of community and the added enjoyment of interacting with others with a shared interest. In New England, the flying site opportunities are a bit scarcer, but the people and the camaraderie are far more plentiful.

I have been very lucky to fall in step with a club of Charles River's caliber. We still see references and use of articles and content on the CRRC website from around the world. Our annual auction is wildly popular; in fact, we have to be very careful how and when we advertise. The bread and butter of the RC community, the sanctioned event, completes the roster of a strong and motivated club. While events and accomplishments are a hallmark of quality clubs, they are not the reason a club succeeds. The success is a result of the people involved. More than just members, Charles River flyers are a vested and dedicated partner of CRRC. With hard work over many years, our membership has produced an outstanding club and made my first club experience a great one. Some of our members have been leading and volunteering their time and effort for decades and will continue to do so.

I can say that my time as Vice President, and now President, has been a privilege and I would gladly do it again. A club like CRRC makes it easy to get involved and involvement makes the hobby far more enjoyable. On the calendar, my experience in RC has been very limited. With only a few renewals in the bottom of my TX case, I have seen the full spectrum of the hobby

community. With that experience, I have advice for those who were 'born' in the club environment, or have enjoyed the club environment for a very long time. Don't take it for granted. You don't have to look far to find a failed or 'hibernating' club that found its membership lacking the commitment demonstrated by CRRC. There are plenty of nomad flyers in rural areas without the resources or benefits of a strong club atmosphere. Think about that the next time you go wheels up on CRRC fields.

For this upcoming year, some changes are on the horizon. While I was eager to come home to my family and native land, I have elected to accept a seat in The University of North Dakota's Unmanned System's program at Grand Forks. As many of you know I am an aviation student at Bridgewater State University which provides a quality 'airline pilot' program. This program works well but it does not suit my goals. The writing on the wall tells of unmanned drones becoming a new and growing industry, which will need qualified experts to guide.

I am heading north to pursue an education tailored to fit the boom. I start class fall of 2013 and will be moving my family early this summer to get settled before the winter hits. We will be hitting the road right about the time the flying weather starts to emerge here in New England. It is in the best interest of the club, that someone who will be here with CRRC assumes the Position of President. The club deserves leadership who can dedicate the time and focus necessary to help grow and improve the club. Look around, perhaps you know someone who has been thinking about stepping into a leadership role. Perhaps you have been thinking about stepping up to get involved. Now is the time.

Little Plane
Big Sky

Treasurer's Report

October Activity Report Date 10/31/12	
Starting Balance 10/01/12	
Checking	\$5,576.81
Cash Box	\$25.00
PayPal Acct	\$669.59
CD Accounts	\$6,896.78
Total Starting	\$13,168.18
Income - CDs	
Interest	\$2.00
Total Interest	\$2.00
Income - Checking	
Membership	\$85.00
Raffle	\$65.00
Transfer from PayPal	\$500.00
Total Income	\$650.00
PayPal Activity	
Membership	\$45.00
less PayPal fee	-\$1.61
Transfer to Checking	-\$500.00
Total activity	-\$456.61
Expenses - Checking	
Ken Antonellis-Food Supplies	\$68.38
Fritz Bien - Supplies	\$27.61
Dick Williamson	\$28.66
Total Expenses	\$124.65
Ending Balances	
Checking	\$6,102.16
Cash Box	\$25.00
PayPal Acct	\$212.98
CD Accounts	\$6,898.78
Grand Total Ending 10/31/12	\$13,238.92

David Marshall

CRRC Treasurer

Raffle

First Prize

Choice of



Hobby Lobby Super Dimona 2400 RC Model Glider

94-1/2" wingspan, 43" long, 625 sq. in. wing area, 65 oz. flying weight

OR



Magnum Models F-5 Tiger Slope Flyer

Flying weight 20 oz., Wing Span 38 1/2", Fuselage 37 1/2", Radio 2 Channel, Airfoil RG-14.

Second Prize

Selection of items donated by Andrew Bennet from Olin College.

Charles River Radio Controllers, Inc.

R/C HOBBY AUCTION

12:00 Noon, Sunday

November 25, 2012

VFW RTE 135 Natick, MA

Set up and viewing: 11:00AM to Noon.

Auction: Noon to 3:30PM.

The Natick VFW is on RTE 135, 400 yards East of Speen Street intersection

All modeling items auctioned

come buy and sell:

engines, radios, models, kits, & tools.

Tables available for small items which can be
sold without an auctioneer.

\$2.00 entrance fee

Hot dogs, chips, and drinks for sale!

(additional raffle tickets \$1.00 or 3/\$2.00)

CRRC receives 10% of proceeds from all sales.

Cash only PLEASE! No private sales.

Please see our website for further details: <http://www.charlesriverrc.org>

October Meeting

Business Meeting

Sky was delayed and Neil Kaufman opened the business meeting at 7:30 PM at the Goodnow Library, Sudbury, MA.



The secretary and treasurer reports were approved as written in the October newsletter.

Field Reports

Neil Kaufman recently visited Bill Martin Field and finds it in great shape, with freshly mowed grass. He had a fine day of flying and found the crowd friendly and cooperative.

Dick Williamson reported on the continuing recreation field use study by the Sudbury Parks and Recreation commission.



Three options are currently being considered. Option 1 is a \$5.4 million dollar plan to develop the sandpit on Rte 117 east of Davis Field, as a new sports complex. Option 2 would create two baseball fields in the middle of Davis Field. Option 2 would significantly limit flying at Davis Field, due to increased competition for field use, and new obstacles on the field. Option 3 would be a combination of options 1 and 2. Dick says that the town manager is partial to developing Davis Field.

Sky Andrew and Burt Cohen recently visited Heard Farm to explore it as potential new flying site. Heard Farm is Wayland parkland, southwest of the intersection of routes 20 & 27, consisting of large open spaces bordered by Sudbury River floodplain and marshland. Heard Farm has great potential as an alternative to Davis Field. Evan Hadingham says he has flown at Heard Farm

quite frequently, although he cautions that during springtime there are lots of nesting birds.

Board of Director's Meeting Skype BOD meeting will be held next Tuesday evening.

Old Business No old business.

New Business A motion was made to offer free CRRC membership as a reward to anyone who acts as a contest director (CD) during the year. The motion was seconded, and received a unanimous vote in favor from the membership.

Sky Andrew has plans to continue his education next year, but it will take him out of state, and will be unable to continue in his position as CRRC president.

Dates to remember

- 1) Saturday October 20. Cub Scout Rocket Launch at Davis Field. The field will be closed to CRRC until later in the afternoon.
- 2) Sunday October 21. Neil Kaufman has invited members of the local retired men's association to visit Davis Field, and asked for volunteers to demonstrate their planes and flying skills.
- 3) Sunday November 25. Thanksgiving Weekend, CRRC Auction. Noon to 4 PM at Natick VFW. Ken Antonellis asks that helpers arrive around 10 AM to assist with setup.

New Wings

No new wings this month.

The business meeting was closed at 9:30 PM.

Raffle



Wayne MacKeil was the first prize winner of a Flyzone Uberlite.



Dick Roy took the second prize Cessna 182 Skylane.

Show And Tell

Wayne MacKeil's Midwest Sukoi '40 has been long in coming but it flies great. Wayne started building this model in 1991!



The front end boasts an OS 4 Stroke and weighs six pounds.



Fritz Bien started his Spirit of St. Louis six years after Wayne, in 1997. Fritz replaced the original glow engine with a cleaner running electric

outrunner. True to Lindbergh's plane, Fritz even reproduced the periscope and anemometer.



Neil Kaufman discussed building dummy engines and cowling for his Fairey Swordfish. Neil contrasted a scratch built version costing \$5 in materials and three weeks to build to a plastic kit purchased for \$30. The extra detail of the plastic kit was not evident once the engine was installed in the cowling. Neil fabricated the cowling from the bottom of a plastic soda bottle, covered with balsa.



Dan Sullivan is expanding his collection of home built foamies with a blue core foam park jet. He says it flies very well.



Dan also showed the Fast & Furious combat foamy he flew in CRRC's recent event, emerging as the winner.

Dan created an air foil shape for the wing by laminating two pieces of foam together, and sanding the block to create an airfoil. He was not sure if the airfoil gave any advantage.



Larry Wetmore is also looking to building and competing in the foamy combat contest later this year.

Dan Frye is creating his own scratch build design with blue core foam wings and a stick built balsa fuse.



This will be a rudder and elevator trainer and slow flyer. Dan wants to fly with an instructor for his inaugural flights.

Tony Davids showed his new BlitzRCworks AT-26 from Nitro Planes.



This electric ARF has retracts, running lights, and a cool sound generator that replicates the engine sounds of a real AT-26 start up and shut down sequence.

Bert Cohen is starting his winter project early with his blue core foam glider based upon a magazine drawing.



Bert plans to include ailerons.

Guest Speaker

Tonight we welcome MIT's Alejandra Uranga who along with other team members including Dr Mark Drela are investigating "Aircraft and Technology Concepts for an N+3 subsonic Transport."



The B737 carries 180 passengers, and has a 3,000 nm range. MIT's design is called the D-8 or Double-bubble referring to it's appearance of two conventional fuselages merged together. However, the Double Bubble is an airfoil in its own right contributing lift and allowing for a shorter wingspan. Two turbine engines are strategically mounted in the aircraft's rear reducing drag as compared to the conventional engine location hanging out on the wing. The Double-bubble substantially reduces fuel consumption requiring smaller engines, reducing noise and emissions. The Double-bubble can operate from 5000-foot airfields as compared to the 737's required field length of 7600 feet. Wind tunnel testing is now being performed to validate the design concepts.

***Larry Wetmore
Recording Secretary***

This NASA funded project is a partnership with MIT, Aurora Flight Sciences, and Pratt & Whitney. The study will propose a passenger aircraft configuration targeted for the 2035 time frame that accomplishes four major goals: reduced noise, reduced emissions, reduced fuel consumption, and the ability to use existing airfields. Another goal is that the proposed design use materials and manufacturing techniques that are attainable in the project's time frame. The baseline aircraft used for study comparisons is the Boeing 737, the most popular passenger aircraft used worldwide and which represents the target market.

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

Hartney Greymont (Medfield)
Sean Comer
781-444-1227
thescomer@gmail.com

Jason
Davis Field
978-460-0477

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 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	115	39	76

-Ray Harlan
Membership Secretary



THE CHARLES RIVER RADIO CONTROLLERS, INC

2013 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 CATEGORY	On or before Mar 1, 2012	After Mar 1, 2012
☐	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.**

NOTICE: THIS MONTH CRRC CLUB MEETING

Guests are welcome!

When: Wednesday **November 14, 2012** (2nd 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.

