



AMA CHARTER 339

FEBRUARY 2010

VOLUME 47 NUMBER 02

2010 CRRC OFFICERS

PRESIDENT

John Eppling

781-771-7400

[president\(at\)charlesriverrc.org](mailto:president(at)charlesriverrc.org)

VICE –PRESIDENT

Richard Gammon

508-835-2049

[Vicepresident\(at\)charlesriverrc.org](mailto:Vicepresident(at)charlesriverrc.org)

MEMBERSHIP SECRETARY

Ray Harlan

508-358-4013

[membership\(at\)charlesriverrc.org](mailto:membership(at)charlesriverrc.org)

RECORDING SECRETARY

Larry Wetmore

781-449-5358

[secretary\(at\)charlesriverrc.org](mailto:secretary(at)charlesriverrc.org)

TREASURER

Richard (Dick) Roy

978-897-9310

[treasurer\(at\)charlesriverrc.org](mailto:treasurer(at)charlesriverrc.org)

NEWSLETTER EDITOR /
WEBMASTER

Thomas Stammberger

617-501-7403

[webmaster\(at\)charlesriverrc.org](mailto:webmaster(at)charlesriverrc.org)

RAFFLE CHAIRMAN

Tony Davids

978-568-9598

[xofficio\(at\)charlesriverrc.org](mailto:xofficio(at)charlesriverrc.org)

SAFETY OFFICER /
CHIEF INSTRUCTOR

Richard (Dick) Williamson

978-618-5475

[chiefinstructor\(at\)charlesriverrc.org](mailto:chiefinstructor(at)charlesriverrc.org)

GENERAL MEETING

Wednesday

Feb 17th

7:30 PM

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

GUEST SPEAKER:

Istvan Hauer

Istvan will demonstrate his scratch built helicopter airframe, its specifics, and capabilities. He will also talk about a recent project which focuses on designing and supplying custom electric and turbine powered airframes for 1:4-scale Bell Helicopter fuselages.

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RAFFLE

First Prize

**Airtronics RDS8000
8-Channel 2.4GHz
FHSS Radio System
(TX Only)**



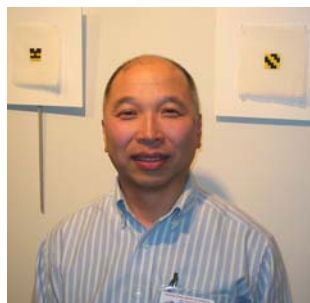
Second Prize

Tony's surprise



WON
a
COOL TOOL
for
Show-n-Tell

President's Letter



Great Weather...

if you are a penguin!
Well, the weather and work schedule finally forced me to give up flying, ... at least until warmer weather. All my LiPo packs have been

discharged to storage level voltage. This was also a good time to send both of my transmitters back to Horizon Hobby for repairs. So, I guess if I want to fly, it is going to have to be RealFlight. I guess I should start on my winter project soon, since winter project night is just a little over a month away. I hope everyone else has made good progress on their projects.

Davis Field

I'd like thank Dick Williamson for all his hard work with Sudbury Park & Rec department on behalf of CRRC. Since the January meeting, we received a message from Sudbury Park and Rec. Director, that the summer is a separate season from the spring that is not covered by the \$600 for the spring. Dick will have more information during the general meeting, but we have a proposal to pay \$600 for the summer season for all summer Saturdays and Sundays as well as the evening of the summer CRRC meetings. In this proposal, we would not be paying any additional fees for contest weekends. The total yearly cost to CRRC would be \$1800 for all three seasons.

Paying \$600 for each of three seasons has the benefit of simplicity and slightly less cost than when paying for all the different events separately. There will be a vote on this proposal at the general meeting.

Millis Club

Brad Kaye from the Millis Club called me to invite CRRC to several of their events for 2010. A couple of the events conflict with CRRC events, but the ones that don't are:

- Hopedale Float-Fly, May 2nd at Hopedale, MA
- Multi-club Fly-In, June 5th, Bridgewater, MA
- Milford Demonstration Day, Oct 10th, Milford, MA

Medfield

Brad also told me that they are planning on starting work on the shelter at Medfield in March, so they are asking for any help (labor and/or equipment and funds) that we can provide. I will pass on more info as I get them.

The road to the field has become full of large potholes and ruts, so Millis will be looking into doing road repair. In the past CRRC has split the cost of road repairs, and I expect this to be discussed in the next board meeting.

Well, if you make it out to the fields, keep your batteries, fingers, and toes warm, and don't forget to fly safely!

**- John Eppling
CRRC President**

Treasurer's Reports

Report Date 02/06/10

Starting Balance 12/31/09

Checking	\$7,568.22
Cash Box	\$25.00
PayPal Acct	\$0.00
CD Accounts	\$6,786.19
Total Starting	\$14,379.41

Income

Interest - CDs	\$7.92
Raffle	\$97.00
Dues	\$610.00
Total Income	\$714.92

Expenses

Commonwealth MA Annual Report #1817	\$15.00
AMA contest sanctions #1818	\$40.00
Sudbury Davis Field Spring Rental #1819	\$600.00
Total Expenses	\$655.00

Ending Balances

Checking	\$7,628.14
Cash Box	\$25.00
PayPal Acct	\$0.00
CD Accounts	\$6,794.11

Grand Total Ending 02/01/10	\$14,447.25
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**- Richard Roy
Treasurer**



JANUARY GENERAL MEETING MINUTES



General Meeting Minutes for January 20, 2010.

Business Meeting.

President John Epling called the meeting to order at 7:39 PM, at Goodnow Library, Sudbury, MA.



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

Field Reports.

Dick Roy was flying at Davis Field earlier in the week. No report for Bill Martin Field.



Membership Report.

Membership chair Ray Harlan reports our membership roster stands at 37 new and renewed members for 2010.

Board of Directors Volunteer.

Wayne MacKeil volunteered to be the member at large for next week's BOD meeting.

Old Business.

Tom Stammberger displayed pictures from the January 1st Frozen Finger Fun Fly at Bill Martin Field. CRRC had a small contingent, while the Millis club had a much larger showing. Tom questioned whether moving CRRC's FFFF to Davis would attract a larger crowd.

New Business.

Dick Williamson has been meeting with Sudbury's Park and Recreation director to discuss a new fee structure the town is using to assess users of the town's parks. Dick was not present this evening, but he had reported the results in an email to the Board of Directors, and John E. brought the issue up for discussion. Dick and the P&R director negotiated a fee of \$600 for the spring season for use of Davis Field, and a second \$600 fee to cover the fall season. In addition, CRRC will charge \$5 per person, per event to cover summer contest weekends. Dick requested a check in the amount of \$600 to cover the spring fee, and because the amount exceeds \$200, the decision must be brought before the membership for a vote. There was some discussion about the details of the fee structure, and further clarification was requested. None the less, the membership moved, seconded, and unanimously approved an expenditure of \$600 to cover the spring user fee for Davis Field.

New Wings.

No new wings tonight.

Guests.

We had three guests this evening, and all three received helicopters as holiday gifts and were interested in learning how to fly them! Alex Chigas is from Acton, and along with his new

interest in helicopters, has built a glider in the past.



Dan Sullivan hails from Salem, received a helicopter as a Christmas gift, and would like to build a glider.



John McKenna is from Charleston, and received two helicopters.



Howard Hager is selling a large collection of glow helicopter items from a deceased hobbyist at very good prices. Howard has put these items on RC Universe.



Tom Stammberger asked the membership if there was any interest in purchasing shirts and hats with the CRRC logo. Watch for an email from Tom, and send him a reply if you are interested.

The business meeting closed at 8:03 PM.

Raffle Winners.

Rafflemeister Tony Davids had two fine raffle prizes this evening.



David Spielman went home with a Sig Rascal kit.

Dan Murphy took home a Spirit Elite ARF Sailplane.



Steve Young has been participating as a mentor to a 7th grader. Together they have built a wind tunnel and have been testing a variety of airfoils. Steve also showed us a new Viper DLG kit he just received from China.



Lee Arnold displayed his "Fred E" cartoon scale plane from Stephen's Airframe. Lee has completed the assembly and covering.



Show And Tell.

Tom Bauer's Sweitzer 1-26 EPP glider is getting closer to completion. Tom has finished covering the glider in red, white, and blue. Tom is building the 1-26 on behalf of Dan Murphy.



Dave Rocheschi found an unusual \$15 flying rotary wing from Toy's R Us and decided to duplicate the design in a much bigger form. Dave fabricated a model and is working on the control system, hoping to control each blade independently like a helicopter rotor.



Dave Spielman found an old free flight plane built by his father-in-law. Dave dates the plane to 1943, based on the expiration date of batteries he found with it. The gasoline engine will come out and be replaced with an electric motor and radio control.



Wayne MacKeil is working on a Catalina PBX brushless twin pontoon plane.

Dick Roy had an E-Flite foamy, good for indoor 3D flying. This biplane includes “slow down” brakes to make it more docile for indoor flying.



Richard Gammon found a deal on a new DX6I Spektrum 2.4G radio. Richard was very happy with his new purchase and says it is compatible with JR equipment.

Richard also had a couple of different Lipos on display he picked up from Hobby City. Also, he received a laser cut Citabria Decathlon ARF as a Christmas present.



nothing! Fellow longtime CRRC'er Ray Harlan is a national championship winning Free Flight builder and competitor.



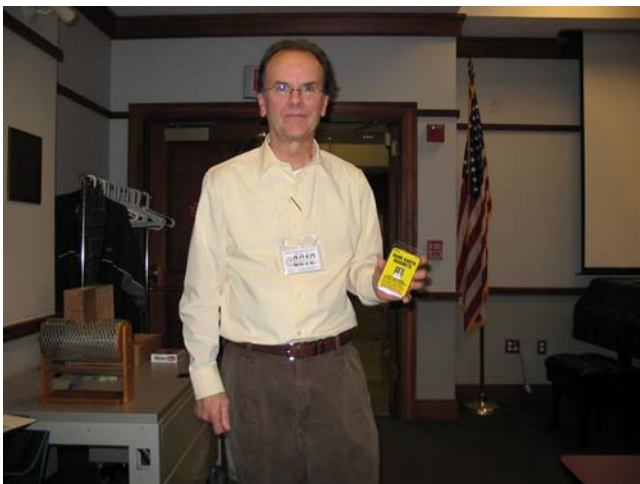
Divide a dollar bill into thirds, and that's the total weight of one of Ray's free flight planes that will stay aloft for 28 minutes.

With more than 50 years as a free flight builder, Ray flew eight events in this year's AMA National FF Championships and won every event. The competition was held in a building with a 118-foot high ceiling.



Steve Young was our cool tool winner for tonight's show and tell, and he got to take his pick from the cool-tool prize box.

Pilots use helium balloons on very long strings to gently nudge their aircraft away from obstacles and other planes.



Competitors cut their own rubber band motors and then wind them up with a precisely calculated number of turns before being installed on their aircraft.



Evening Program.

What do radio control, monster Lipos and electronic speed controls have to do with this evening's guest speaker? Nothing, absolutely

The fuselage is crafted from hollow rolled balsa. Wing covering is 0.5 micron Mylar.



These planes are very fragile and must be handled with great care. Ray had a collection of about 10 models one of which he flew around the room.



Ray's Penny Plane is true to its name, weighs 3.1 grams just like a penny, and has an 18" wing span.



Another FF plane sports a 4mm motor, powered by a 10 mAh single cell Lipo, and has a record winning flight of over 35 minutes flying time.



General meeting ended at 9:40 p.m.

- **Larry Wetmore**
Recording Secretary

Our Guest Speaker: Istvan Hauer



Istvan is currently a Mechanical Engineering student at Northeastern University, originally from Hungary and came to the US a little over 4 years ago to pursue his degree. He has been flying helicopters for over 10 years now.

When he first came to the US he didn't actively fly models, it took about a year until he brought his first model with him from overseas to start flying again. At that point he became more and more interested in how to turn this activity into more than a hobby.

Shortly thereafter he bought a Bergen Turbine Observer to do aerial photography / cinematography. The Bergen was highly modified with the help of Val Petrov to be able to carry a larger gimbal than it was originally intended for.

During the months of testing we regularly encountered problems with the turbine which included reliability and starting issues, numerous flame-outs during flight and ultimately capital failure. It was then when he decided to scratch build his own airframe based on a Jakadofsky Turbine.

- ***Richard Gammon
Vice-President***

Member Profile of the Month: Ken Antonellis



I started in R/C in the summer of 1985. I was in Phoenix watching an RC meet and decided this was for me.

I went to a local hobby shop and picked out a SIG Cougar. They laughed a little and sold me a SIG Kadet.



Then as I was building, my wife saw Bill Martin loading his car to go flying. The next thing I knew was that I was A CRRC member.

I brought my completed Kadet to the drop zone and Jack Buckley was there. He looked it over and said "I think it will fly."

He took off and it flew beautifully. He asked me if I wanted to try and I said "sure". Well, I didn't do very well and he grabbed the transmitter and landed. I was so excited that a box of sticks could be glued together and fly so well.

Later that summer, I was on my own and yes buying and crashing, buying and crashing!

Since that first year, I would estimate that I have 11 or 12 airplanes ready to go with radio gear!

My interests are glow, electrics and sailplanes. I am not sure which I like the best but I tend to spend the most time at Davis with Sailplanes.

I think my most favorite plane was an ugly stick that I had years ago. It flew beautifully and spent a lot of its life on Floats in the snow. I think my second favorite is my Airtronics Eclipse. It is an old time electric glider before lithium batteries and brushless motors. It still flies great and most everyone at the field has flown it a little.



I think one of the funniest sights at the field would be Nino, an old time member who would transport a 1/3 scale Piper Cub on the roof of his compact car. Another story was Jack Buckley flying an old timer and while talking to a bunch of us, forgot he was flying. The plane didn't suffer too badly from the tough landing!!



Finally, we had all sorts of so called "experts" helping Bruce Schneider trying to figure out why his Cub did not have enough power to lift off. Finally after many high speed taxis, someone realized the prop was on backwards!



I live in Natick with my wife Kathy. I have worked for essentially the same Insurance company for over 30 years and am currently a claim trainer!



My other hobbies are woodworking, and general home renovation and maybe an occasional Saturday at the golf course. Keep flying!

- Ken Antonellis

UPCOMING CRRC EVENTS

February 23, 2010

CRRC – BOD MEETING

7:30p Goodnow Library, Sudbury, MA

March 17, 2010

CRRC – GENEAL CLUB MEETING

7:30p Wellesley College, Wellesley, MA

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	978 562-9900		Yes	Yes		
Lincoln Ross	Littleton	978 800-0608		Yes	Yes		
John Nilsson	Clinton	978 368-7136		Yes			
Dave Walter	Hudson	978 562-5400		Yes			
Tom Stammberger	Winchester	617 501-7403			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\(at\)verizon.net](mailto:kxa(at)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.

MEMBERSHIP

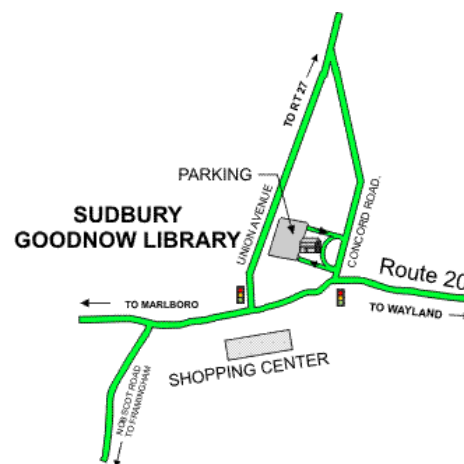
Here are the updated CRRC membership figures. The table summarizes the membership status from 2000 through current month, 2010.

Year	Renewals	New Members	Peak Totals
2000	112	62	174
2001	124	50	174
2002	138	58	196
2003	156	40	196
2004	153	42	195
2005	144	20	164
2006	124	26	150
2007	132	32	164
2008	100	23	123
2009	90	28	118
2010	48	-	48

-Ray Harlan
Membership Secretary

THIS MONTH'S DIRECTOR'S MEETING

The next directors meeting will be, Tuesday, February 23th 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.





THE CHARLES RIVER RADIO CONTROLLERS, INC

2010 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\(at\)charlesriverrc.org](mailto:membership(at)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\(at\)charlesriverrc.org](mailto:membership(at)charlesriverrc.org)

SAVE \$5 - EARLY BIRD DUES RATES ARE LISTED

	MEMBERSHIP CATAGORY	On or before Mar 1, 2010	After Mar 1, 2010
☐	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 chose from the options below:

- ☐ DO NOT include my personal contact information in the club phone book
- ☐ Send Newsletter via US Mail.

Help reduce operating costs by downloading the newsletter on line. CRRC pays roughly \$20 per year for each mailed newsletter subscription

NOTICE: THIS MONTH CRRC CLUB MEETING

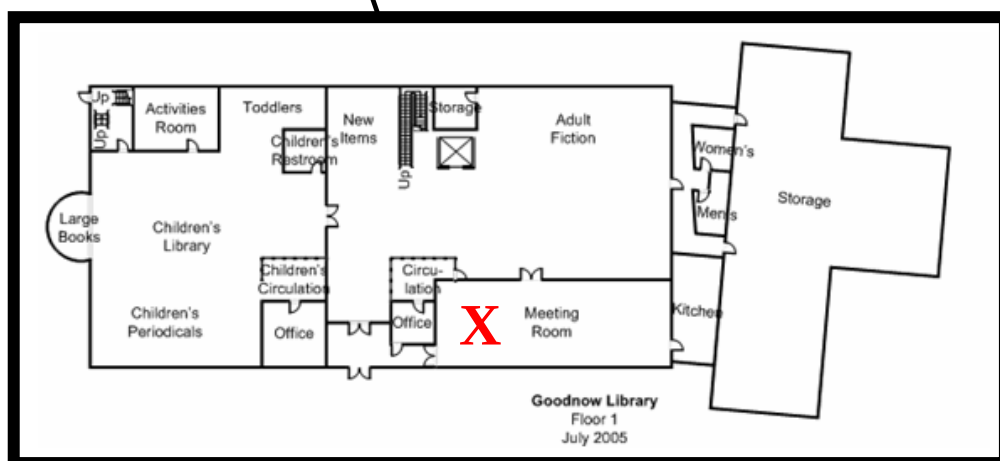
Guests are welcome!

When: *Wednesday February 17th, 2010 (3rd 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.*



Thomas Stammberger
Newsletter Editor
Newsletter(at)charlesriverrc.org
(617) 501-7403