

# NEWSLETTER OF THE CHARLES RIVER RADIO CONTROLLERS, INC



## CRRRC FLIGHT-LOG

<http://www.charlesriverrc.org/>

AMA CHARTER 339

NOVEMBER 2006

VOLUME 43 NUMBER 11

### 2006 CRRRC OFFICERS

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978-568-9598

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

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#### WEBMASTER

Brian Rickman  
508-481-5597

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

### GENERAL MEETING

Wednesday  
November 15<sup>th</sup>  
7:30 PM

Club Meetings are at Verizon Labs in Waltham. Bring a show and tell, bring a friend or just come alone.

### Guest Speaker:

Brett Bethke, PhD candidate, Aero-Astro at MIT is part of a research project at MIT with support from Boeing Phantom Works. Brett's topic is his project using quad rotor aircraft as an autonomous airborne platform in large numbers.



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### RAFFLE

## First Prize

"Hydro Plane 3D" Land,  
Sea, Air Vehicle



## Second Prize

Your choice of  
Pitts 80 "Macho-Serie"



or a  
Carl Goldberg Gentle Lady Kit



**WON**  
a  
**COOL TOOL**  
for  
**Show-n-Tell**

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## President's Letter

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We held the auction on Sunday and once again, Ken Antonellis did a great job of organizing and running the event. While Tom Bauer and Lincoln Ross were the most visible and vocal volunteers, there were many more who worked behind the scene. Thanks to all for making this another successful auction.

It is election time and we will be voting for next year's officers at the next meeting. We are fortunate in that we have at least one candidate for each position. Lee Arnold has agreed to serve a second year as Recording Secretary. David Spielman volunteered to continue as Newsletter Editor as well Brian Rickman as Webmaster. Jon Leehey and John Nilsson are enthusiastically seeking reelection to their respective posts as Treasurer and Membership Secretary and Tony Davids is campaigning for the Presidency.

I will not be seeking a second term, but will take on the responsibilities of Raffle Chairman. I am however, heavily involved as chairman of the Steve Young for Vice President Campaign. In all seriousness, just because we have someone "volunteered" for each position; it doesn't mean that we would not benefit from having a few more candidates. If you have not participated as an officer in the past, please consider joining the election as a candidate at Wednesday's meeting.

I was very excited to learn that Brian Rickman has worked out a deal with the Lazy Loopers club to

share a gym in Attleboro for indoor flying. It was starting to look like winter indoor flying would become a thing of the past, but Brian kept working on alternatives and came through for the club. I look forward to participating in the fun and now have an excuse for yet another flying machine in my hanger.

In order to accommodate our speaker, we changed the order of our October meeting. The speaker went on first and was followed by the break during which we sold raffle tickets. After the break, we held the raffle, followed by the business part of the meeting and show and tell. The new format seemed to work well and we will continue with it for the next few months. This is a trial and we can always go back to the old format if it does not work out.

There are several advantages to having the speaker first. We can give the speaker a definite starting time and length of time for their presentation. Some guests have to travel a fair distance to get to our meetings and it makes it easier on them if they speak early and leave at the break. Depending on the number of show and tells and the length the business part of the meetings, the presentation may sometimes start late and the speaker ends up getting cut short.

I want to give a special thanks to John Nilsson for all the work he did preparing and mailing the CRRC Handbook. He took the lead on coming up with the guidelines for Davis and added them to this year's book. We take these things for granted when the book shows up in the mail. It took a lot of effort and fretting over by John to get it out and he deserves our gratitude.

-JP

***Start Your 2007  
Membership  
Today!***

Sign up now and save \$5. Use PayPal or check when starting or renewing your membership.



# Treasurers Report

## TREASURER'S REPORT

Report Date 10/03/06

|                                                      |                    |
|------------------------------------------------------|--------------------|
| <b>Starting Balance 10/05/06</b>                     |                    |
| Checking                                             | \$3,237.99         |
| Savings                                              | \$2,298.41         |
| Cash Box                                             | \$25.00            |
| PayPal Acct                                          | \$0.00             |
| CD Accounts                                          | \$4,704.12         |
| <b>Total Starting</b>                                | <b>\$10,265.52</b> |
| <b>Income</b>                                        |                    |
| Raffle income - October                              | \$78.00            |
| Dues                                                 | \$30.00            |
| Transfer from PayPal account                         | \$0.00             |
| Interest - Savings                                   | \$1.17             |
| Interest - CDs                                       | \$13.83            |
| <b>Total Income</b>                                  | <b>\$123.00</b>    |
| <b>Expenses</b>                                      |                    |
| Newsletter expenses, check #1511                     | \$13.97            |
| Auction increase for AMVETs, cash                    | \$50.00            |
| Handbook printing & postage, check #1512             | \$316.55           |
| Field insurance - Attleboro indoor site, check #1513 | \$60.00            |
| Savings account fee                                  | \$5.00             |
| <b>Total Expenses</b>                                | <b>\$445.52</b>    |
| <b>Transfer - Savings to Checking</b>                | <b>\$0.00</b>      |
| <b>Ending Balances</b>                               |                    |
| Checking                                             | \$2,905.47         |
| Savings                                              | \$2,294.58         |
| Cash Box                                             | \$25.00            |
| PayPal Acct                                          | \$0.00             |
| CD Accounts                                          | \$4,717.95         |
| <b>Grand Total Ending 10/31/06</b>                   | <b>\$9,943.00</b>  |

*-Jon Leehey*  
CRRC Treasurer

# UPCOMING EVENTS

**Wednesday, November 15th, 2006 – General Meeting Speaker-** Brett Bethke is a PhD candidate, Aero-Astro at MIT. He is part of a research project at with support from Boeing Phantom Works. They are using quad rotor aircraft as the autonomous airborne platform in large numbers. One of the recent missions had the aircraft land and recharge themselves on a recharging pad! The project description and articles can be found at <http://vertol.mit.edu/index.html>.

"We are investigating techniques that will enable the execution of continuous 24-7 mission operations using multiple autonomous vehicles i.e., vehicle SWARMS in a dynamic environment.



We believe that a massively-distributed, intelligent airborne capability with little human supervision has the potential to provide many performance benefits in long-term mission operations.

"Between January to mid-July 2006, we have flown over 300 multi-vehicle flight demonstrations, including over 60 flight demonstrations we completed in a two-day time span in mid-May."

UAV Swarm Project

*-Tony Davids*

## Elections for 2007 Club Officers Wednesday November 15, 2006

November is the election month and the CRRC will be holding elections for club officers. Please come and place your vote. Elections will be held during the club meeting. 7:30 to 10:00.

We have several volunteers for positions but important positions remain open. Contact Jean-Pierre Rui or one of the other club officers for more information.





## Secretary's Report:

General Meeting  
October 18, 2006

The meeting was called to order at 7:45 PM by President John-Pierre Riu. The secretary's & Treasurer's report were approved as written in the newsletter.

In order to accommodate the time constraints of our guest speaker, we reversed the normal order of things. The guest speaker presented first, and then we held the raffle, show and tell and business meeting.

### Guest Speaker

Our Speaker this evening was CRRC member, Evan Hadingham. Evan works for WGBH our local PBS Station. He has directed a Nova program on



Brazilian-born inventor Alberto Santos-Dumont. Alberto, like the Wright Brothers in the United States, was involved in powered flight at the start of the twentieth century. Actually, since so many of the Wright achievements were done in secrecy to prevent theft of their ideas, many Europeans thought Santos-Dumont was first in powered flight.

His fragile, gas-powered lighter than air balloon made an astounding half-hour flight over the city and around the Eiffel Tower. Later he piloted Europe's first airplane. He did this in full view of the press and many citizens. This was performed in a Paris park (the first park flier?). We actually enjoyed a preview of the program that will air Tuesday, October 7<sup>th</sup>.

During World War I, the airplane, which Santos-Dumont believed to be his own invention, became a lethal weapon. This eventually drove him to despair and suicide.

If you have time this election night, do not miss Nova at 8:00 PM.

### Raffle Winners

Dave Spielman was the winner of the first prize in the raffle drawing. The Sig Four-Star 40 Kit.

Second prize was a pair of servos was won by Mark.

### Show & Tell

The first Show and Tell was a 1986 Gentle Lady complete with spoilers. This ship was flying at Deer Island at 6:30 pm the day of the meeting. This ship was shown by Dave Ratzewski. With its clear Monocoat covering on the wings, Dave nicknamed it the Naked Lady.



John Armstrong showed his yellow and blue Gambler hand-launched glider.



Warren Chafe Showed a \$20 cordless soldering iron. This is a battery operated resistance soldering Iron. Warren also donated one to the cool tool collection.

Corey Hallock showed a 20 sized biplane he had for sale along with a seven cylinder radial motor.



Rick Pendzick showed the group his 3-D biplane. This has not been flown yet. "Perhaps on Sunday."



Tracy Clark showed an Air Hog Aero Ace. This is turned using differential thrust. He gave a demo. "This is great for kids."



Dan Murphy Showed LULA, a 39" slope-flying wing. This is launched via a side arm toss.

Using two servos for elevons, Dan says "it bounces great".



Tomer and his son Roy, showed a SkyGo from Hobby Lobby. It flies using a geared speed 400 motor, 10x8 prop with rudder and elevator control. Grommet, of Wallace and Grommet animated feature film, is the pilot.

### **Field Reports**

Davis Field is great on Sunday, but don't go Saturday AM.

Medfield is in great shape at the end of summer.

### **Membership Report**

John Nilsson Reports that we have 24 new members and 126 renewals for a total membership of 150.

Dues will be increased by \$5.00 from \$40 to \$45. As usual, there will be a \$5 discount until May.

### **Old Business**

Tom Bauer reported at the recent electric fun-fly there were about 14 people in attendance. It was eat, drink and fly. The weather was perfect and a good time was had by all!

### **New Business**

Ken Antonellis said that due to calendar conflicts, the CRRC auction will be held at the Natick Am vets Hall, not the VFW. There will be hot dogs, chips, cookies and soda available for your eating and drinking pleasure.

The November meeting will include the election of officers for 2007.

### **New Pilots**

None

### **Meeting Guests**

Steve Billington of Marlboro is interested in electric flight.



## *INDOOR FLYING 2006*



This year we are sharing an indoor flying site with the Lazy Loopers club. We will be flying at the Attleborough YMCA. The facility is a double basketball court with high ceilings. The basketball hoops will be raised up while we are using the facility. This is a great place to fly Micro helicopters, Small 3D planes, and Slow Flyers.

We have the court reserved for the third Saturday of each month from November through April, from 7:30 AM to 10:30 AM. Yes, I know that's early, but I think it's better then the late night schedule we had at Teamworks. The cost will be \$10 per pilot, and we will be required to show our AMA cards at the door.

For now, the info I think we care most about is the price, \$100 per three-hour session.



The schedule: 7:30 AM - 10:30 AM on the following Saturdays: 11/18, 12/16, 1/20, 2/17, 3/17 and 4/21.

Please note that the first session is coming up soon, 7:30 AM - 10:30 AM on Saturday November 18.

There are restrictions on the size/power of helicopters that can be flown at this facility. Based on what I saw flying indoors last year, I don't think this will affect anyone, but I was asked to pass this along anyway.

Because it is a gym with wood floors a TRex or Shogun with WOOD blades are the largest helis that will be allowed to fly. Hornets, Blades, Microns, Maxir, Hummingbirds, Pics, etc are welcome with or without wood blades as well. Any electric powered plane that can safely be flown in a double basketball court gym is also welcome.

Fly these helicopters if YOU ARE REALLY FEELING IN CONTROL. If not leave them at home and practice in your garage or back yard. We all need to put safety first wherever we are flying. It is all the more important when flying indoors due to the number of people involved and the smaller size space.

The address is: Attleborough YMCA  
63 N. Main St., Attleboro, MA

## *Fall Flying at Davis Field*

Fall is a great time to fly at Davis field. This October day was perfect for trimming out a plane. Winds were 1 to 5 mph and the sun was shining.





# A U C T I O N   A C T I O N   2006



Last Sunday November 5<sup>th</sup> was our auction and by the amount of merchandise that changed hands, I would think that it was pretty successful. Setting up an auction was fraught with some difficulties. This year the VFW booked two events for one day so we had to scramble for an alternate location. Our master auctioneer, Fritz, could not make the auction so more scrambling done. But the following are some tidbits about what went on.



About \$5500 worth of merchandise changed hands with 10% to the club. Approximately \$2,000.00 in items did not sell. The cheapest sell was \$5.00 for a tuned pipe and the most expensive was a super tigre twin engine for \$400.00



There were some great buys on glow planes and engines. It was certainly a way to get a bargain! Approximately 125 hot dogs were consumed. Thanks to all who helped to make the day fun and successful. (I do not want to name names, as I will forget someone!)



Author: Ken Antonellis  
Photography: Tony Davids and Pete Young



If you're a newcomer to model aircraft auctions, this is an event you don't want to miss. Buyers and sellers all have a great time. Join us next year for our annual CRRC auction!

The Lazy Loopers and CRRC present:



Winter 2006 -  
2007  
Indoor Electric  
Fun Flys



Attleboro YMCA  
63 N. Main St.  
Attleboro, MA

**7:30 AM - 10:30 AM**  
**On the 3rd Saturday of each month**  
**November - April**  
**11/18, 12/16, 1/20, 2/17, 3/17 and 4/21**

\$10 registration fee for pilots  
AMA membership card required to fly

R/C electric planes & helis welcome!

Make sure you show up on time as we only have the gym until 10:30!

Because it is a gym with wood floors a TRex or Shogun with WOOD blades are the largest helis that will be allowed to fly. Hornets, Blades, Microns, Maxir, Hummingbirds, Pics, etc welcome with or without wood blades as well. Any electric powered plane that can safely be flown in a double basketball court gym is also welcome.

For more details:  
Email: [shoo\\_shoo\\_mo@yahoo.com](mailto:shoo_shoo_mo@yahoo.com)  
Call: 617-548-1364  
Or visit our website at: [charlesriverrc.org/indoor/](http://charlesriverrc.org/indoor/)

# CRRC BUILDING AND FLIGHT INSTRUCTORS

This is our list of qualified and willing instructors. Power planes are flown only at the Bill Martin Flying Field in Medfield. Sailplanes and Electrics can be flown at the Davis Farm Field on Rte. 117 in Sudbury. 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 any of the building instructors.

## INSTRUCTOR CONTACTS

**Chief Instructor and Safety Officer: Jeremy Harkin**  
[jeremy.harkin@gmail.com](mailto:jeremy.harkin@gmail.com).  
 (781-894-6683)

### POWER:

|                |           |              |
|----------------|-----------|--------------|
| Jeremy Harkin  | Waltham   | 781-894-6683 |
| Bob Scott      | Norwell   | 781-982-0268 |
| Pete Young     | Watertown | 617 923-4184 |
| Jon Leehey     | Wayland   | 508 358 5721 |
| Ruane Crummett | Wayland   | 508-655-2234 |

### ELECTRICS:

|                 |           |              |
|-----------------|-----------|--------------|
| Bruce Schneider | Hudson    | 978-562-9900 |
| Fritz Bien      | Concord   | 978-369-1720 |
| Derrick Veliz   | Acton     | 978-266-1739 |
| Pete Young      | Watertown | 617 923-4184 |
| Lincoln Ross    | Waltham   | 781-891-0332 |
| Dick Williamson | Sudbury   | 978 443-8549 |
| Tom Bauer       | Wellesley | 781-235-7344 |

### SOARING:

|                 |           |              |
|-----------------|-----------|--------------|
| Dick Williamson | Sudbury   | 978 443-8549 |
| Dave Walter     | Hudson    | 978-562-5400 |
| Bruce Schneider | Hudson    | 978-562-9900 |
| Fritz Bien      | Concord   | 978-369-1720 |
| John Nilsson    | Clinton   | 508-368-7136 |
| Pete Young      | Watertown | 617 923-4184 |
| Lincoln Ross    | Waltham   | 781-891-0332 |
| Ken Antonellis  | Natick    | 508-653-8369 |
| Tom Bauer       | Wellesley | 781-235-7344 |

### HELICOPTERS:

|             |      |              |
|-------------|------|--------------|
| Tony Davids | Stow | 978-568-9598 |
|-------------|------|--------------|

### BUILDING:

|                 |           |              |
|-----------------|-----------|--------------|
| Fritz Bien      | Concord   | 978-369-1720 |
| Joel Foner      | Natick    | 508-653-3560 |
| John Weigel     | Natick    | 508-653-3560 |
| Pete Young      | Watertown | 617 923-4184 |
| Derrick Veliz   | Acton     | 978-266-1739 |
| Dick Williamson | Sudbury   | 978-443-8549 |
| Tom Bauer       | Wellesley | 781-235-7344 |

## TREE CLIMBERS & MEMBERSHIP STATISTICS

### TREE CLIMBERS

#### Tony Morais

A1 Tree Services-Framingham, MA  
 508-626-0088 800-657-7788

#### Kenny Greeno

Office Phone: 617-661-8591  
 Cell Phone: 617-201-5300

#### Paul Harrington

(508) 376-2573 [Medfield Area]

#### Scott

774-286-1190 [Marlborough]

### Key Instructions

2006 season keys are available! To get a Key for Bill Martin Field in Medfield, email Jean-Pierre Riu or Ken Antonellis. They will send out instructions as soon as they hear from

you. Ken Antonellis is the keymaster. Try [kxa@verizon.net](mailto:kxa@verizon.net). Alex of Alex's RC in Belmont also has keys. Show him a club badge to get the key. A \$5 deposit is required the first time you receive a key.

### MEMBERSHIP

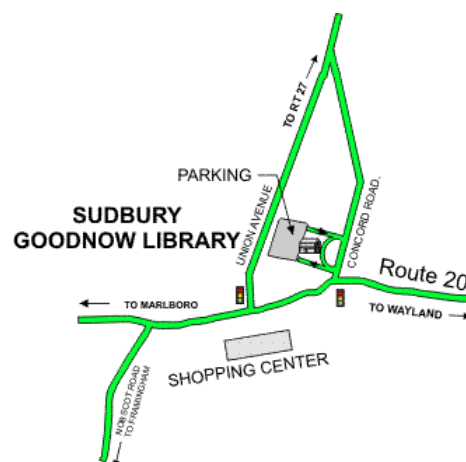
Here are the updated CRRC membership figures for 2006. The table summarizes the membership status from 1999 through current month, 2006.

| Year | Renewals | New Members | Peak Totals |
|------|----------|-------------|-------------|
| 1999 |          |             | 135         |
| 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         |

-John Nilsson

### NOVEMBER DIRECTORS MEETING

The next directors meeting will be, Tuesday, November 21<sup>st</sup> at 7:30 PM, at the Sudbury Goodnow Library. All club members are invited to attend. This meeting is the day before the club meeting.





## THE CHARLES RIVER RADIO CONTROLLERS, INC

### 2007 MEMBERSHIP APPLICATION

AMA Charter 339

**THIS FORM EXPIRES ON MARCH 1<sup>ST</sup> 2007!**

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

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

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

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

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))

Make Checks Payable to:  
Charles River RC

SAVE \$5 - EARLY BIRD DUES RATES ARE LISTED

| <b>MEMBERSHIP<br/>CATAGORY</b>                                             | <b>Rates until<br/>March 1, 2007</b> | <b>Rates After<br/>March 1, 2007</b> |
|----------------------------------------------------------------------------|--------------------------------------|--------------------------------------|
| <input type="checkbox"/> OPEN Member                                       | <b>\$40.00</b>                       | <b>\$45.00</b>                       |
| <input type="checkbox"/> JUNIOR member,<br>(under 19 before 7-1)           | <b>\$1.00</b>                        | <b>\$1.00</b>                        |
| <input type="checkbox"/> SENIOR member,<br>(if age 60 before 7-1)          | <b>\$30.00</b>                       | <b>\$35.00</b>                       |
| <input type="checkbox"/> SENIOR member,<br>(if age 75 before 7-1)          | <b>Free if AMA<br/>member</b>        | <b>Free if AMA<br/>member</b>        |
| <input type="checkbox"/> Full time STUDENT                                 | <b>\$25.00</b>                       | <b>\$25.00</b>                       |
| <input type="checkbox"/> Family member<br>additional to OPEN<br>membership | <b>\$25.00</b>                       | <b>\$25.00</b>                       |

**John Nilsson /Secretary CRRC**  
**511B Ridgefield Circle**  
**Clinton, MA 01510**  
**Telephone 978 368-7136**  
E-mail: [photoguy205@comcast.net](mailto:photoguy205@comcast.net)

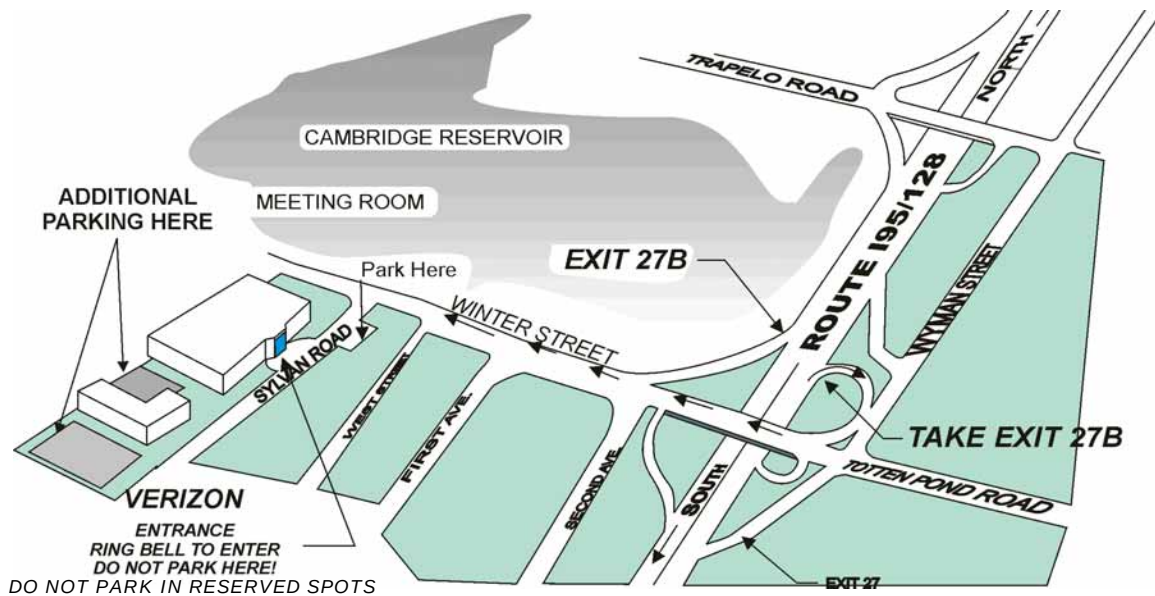
- ☐ I DO NOT want my address to appear  
in the club phone book

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

To receive your newsletter by us mail, please contact Tomer Jackman, newsletter circulation at the next meeting. See the newsletter cover sheet for additional contact information.

Help reduce operating costs by receiving your newsletter on line. CRRC pays roughly \$10 per year for each mailed newsletter subscription.

## *Directions to CRRC monthly meeting at Verizon Labs in Waltham*



The Charles River Radio Controllers meets the third Wednesday of each month. Guests are welcome. Check for the Newsletter meeting announcement on the second Wednesday of each month.

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## SOARING ANYONE?



Ken Antonellis changes the winch battery as Larry Whetmore waits to launch his OLY II

David Spielman / Editor