

NEWSLETTER OF THE CHARLES RIVER RADIO CONTROLLERS, INC



CRRRC FLIGHT-LOG

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

AMA CHARTER 339

JANUARY 2007

VOLUME 44 NUMBER 1

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GENERAL MEETING

Wednesday
January 17th
7:30 PM

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

GUEST SPEAKERS

Development and flight-tests of a solar-powered radio-controlled airplane.

Carl Engel and Adam Woodworth, two MIT Aero-Astro seniors, will present the details of their 3.1-meter wingspan solar powered aircraft. They will provide insight into the aerodynamic and power system design, the flight test results to date, and future flights planned in 2007.

RAFFLE

First Prize

IFO Mk3 Kit



This is a great kit to get started in indoor and can take some hard bumps. Requires electronics.

Second Prize

As promised, second prize is a gallon of fuel or cool tool.



WON
a
COOL TOOL
for
Show-n-Tell

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President's Letter

I am excited to be the president of CRRC for 2007. I was vice president in 2006 and have been a member since 2003.

Prior to 2003, I attended CRRC meetings to learn more about the hobby and hear the monthly speakers. Most monthly meetings I try to bring something for Show and Tell. I use Show and Tell as an opportunity to meet more CRRC members and as an excuse to buy something!



CRRC has a long and strong history. I hope to help continue that tradition during my term as President. Recently we have experienced a decline in membership. This seems to parallel the decline in AMA membership. This topic has been discussed at our board and general meetings in the past, and I hope we can reverse this trend in 2007. Everyone believes that more people are getting involved in the hobby due to the boom in electrics. I also want to explore other ways to promote our club and hobby. For example, we could invite a children's club (cub, boy or girl scouts for instance) to a trainer/simulator event at the field. I have seen this type of event hosted with great success by RC clubs in other parts of the U.S. This kind of event serves as a great forum to introduce the sport to future young flyers and to their parents as well.

Boston is also home to many universities and colleges and I know we have quite a few professors who are members of these fine institutions. Maybe we should investigate the possibility of putting brochures/flyers on the bulletin boards at the engineering or other university departments at these colleges, or hosting a trainer/simulator event for college students at our fields. I am convinced our sport is a rewarding hobby for people of all ages and backgrounds and more would join in if they simply had an introduction to it of some kind.

With respect to other priorities of my presidency, I have heard from fellow glow pilots that it might be helpful to consider helicopter guidelines for Medfield. In particular, a beginner helicopter pilot would benefit from a dedicated place to practice hovering without disturbing pilots on the flight line. This could be as simple as a mowed helicopter hover zone off the runway and away from the pits. This type of practice zone might make things easier and safer for helicopter pilots in training, plane pilots and spectators alike. We could also setup guidelines for fixed and rotor aircraft in the pattern. Several clubs in the area have been successful with both types of aircraft at the field. I am interested in hearing your thoughts and suggestions on this and other topics as well. I am eager to find solutions that satisfy both our helicopter and plane pilot members.

Now for a little information about me: I got started in the RC hobby in November of 2002 by building my first RC glow trainer. Prior to this time I lived in NYC. I found it tough to get involved in the hobby while living in uptown Manhattan! I also built a glow helicopter that same winter. My older brother had been in the hobby for 25 years flying glow planes. He branched out to helicopters when I got started in the hobby in 2003. My father and uncles were in the hobby in the earliest days of the hobby back in the 1940's and 1950's. I practiced all that winter of 2002-2003 on the simulator. My diligent simulator practice paid off and allowed me to solo with the helicopter and plane in the spring after only a few training flights with each. I currently have one glow and 3 electric helicopters, one glow, one gas and six electric planes. I also have a large glow plane in progress, an electric hot liner and a profile electric 3D plane to be built. I joined CRRC because of my interest in the hobby. An unexpected benefit has been all of the great people I have met with that same interest. It is great fun going to the field or the meetings to talk about and participate in this hobby and I look forward to serving you as President in 2007!

-Tony Davids

Treasurers Report

TREASURER'S REPORT

Report Date 01/06/07

Starting Balance 12/01/06	
Checking	\$3,008.96
Savings	\$2,290.40
Cash Box	\$25.00
PayPal Acct	\$135.71
CD Accounts	\$4,731.44
Total Starting	\$10,191.51
Income	
Auction commission income	\$533.90
Dues	\$80.00
December raffle income	\$112.00
Transfer from PayPal account	\$135.71
Raffle Chairman donation	\$400.00
Interest - Savings	\$0.62
Interest - CDs	\$13.10
Total Income	\$1,275.33
Expenses	
Medfield mowing, check #1516	\$650.00
Raffle prizes for May, Sept, Oct, Nov	\$400.00
Checking account fee	\$12.00
Savings account fee	\$5.00
Total Expenses	\$1,067.00
Transfer - Savings to Checking	\$0.00
Ending Balances	
Checking	\$3,208.57
Savings	\$2,286.02
Cash Box	\$25.00
PayPal Acct	\$0.00
CD Accounts	\$4,744.54
Grand Total Ending 12/31/06	\$10,264.13

-Jon Leehey
CRRC Treasurer

UPCOMING EVENTS

Wednesday January 17th – General Meeting

Carl Engel and Adam Woodworth will present their senior project, Solar Powered Aircraft. This is an exiting project with plenty of photographs and discussion on the Internet. It is well worth the search. For more information Google "RC groups, MIT, solar, airplane" or go to the following link. Don't miss this.

<http://www.rcgroups.com/forums/member.php?u=68443>



Saturday, January 20th - Indoor Flying

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 than 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.

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

AUCTION ACTION

Jan 20 - Central NH Radio Control; doors open 10, starts 12, location: Bow Community Center & Fire station, Bow, NH

Jan 28 - Middlesex County R/C Fliers; registration 11:30; starts 12:30, location: American Legion Hall, 162 Winn Street, Burlington, MA

Auction - Feb 18, Cape Ann RC Club: VFW Hall, Rowley, MA. Setup noon, auction starts at 1:00



DECEMBER GENERAL MEETING MINUTES



Secretary's Report: General Meeting December 20, 2006

The meeting was called to order at 7:45 PM by President John-Pierre Riu. The December 2006 was his last meeting as president of CRRC. He will now be promoted to "Raffle King".

The secretary's & Treasurer's report were approved as written in the newsletter.

Field Reports

Davis Field is great. The soccer goals have finally been moved.

Ken Antonellis will distribute new keys for the gate at Medfield.

Old Business

The secretary's & Treasurer's reports were approved as written in the newsletter.

New Business

Dick Williamson shared the news that Verizon has sold the Waltham Campus. They are going to develop additional office space on the site. We are anticipating no immediate changes for the CRRC meetings through the end of '07. Worst case we could move to another room. Watch the newsletter. We are also looking at other potential backup sites.

Kenny reminded us all about the January first CRRC annual "Frozen Finger Fun Fly". (Unfortunately it was rained out last Monday.)

Paul Levine reported that there were about fifty pilots at the last indoor flying session. Many of the people were flying AirHogs foamies or planes using the electronics from them.

New Pilots

None

Meeting Guests

Paul Levine built balsa models as a child. "I could probably get sucked back in to the hobby." Jared Malarsky has been living in China the last few years. Looking at getting into the hobby.

Michael from the Ukraine built models as a kid. May get back into the hobby.

Tom Stamford a new member has flown and crashed. Now using a simulator to practice.

Al Corek, a new member, has visited Davis Field. Steve Belington attended his third meeting. He will join CRRC in '07.

Raffle Winners

As promised, the raffle this month was bigger and better. This was due to last months' missing raffle.



First place was won by Paul Levine. He chose the Gentle Lady sailplane kit.



Second place was won by Al Koury. He chose the Boat/Car/Plane kit. This is a true land sea and air model.



Tom Bauer won the “basket of goodies.



Jared Malarsky won the homemade, decorated shirt compliments of Kenny’s wife.

The business meeting was closed.

Show & Tell



John Weigel brought a plane that he purchased at the 2004 CRRC auction. Weighing just over two lbs. and covered in yellow, it is all ready for the FFFF.

Dick Williamson brought in the wing from his Majestic Sailplane lost in June. Found in Mid-December. Initial guesses were that the plane was 1500 to 2000 feet away. In actuality it was closer to 4000 feet away.



Len Warnoff showed us his AirHog plane. At \$30 at Target this is a fun toy with great potential as the basis for the RC system of a new micro flyer.

Guest Speakers

We were our own guest speakers. CRRC members showed various building techniques.



Dick Williamson took the wing of his recently

found (in very poor condition) Majestic and stressed it to failure. We suspended the wing panel between two tables and hung a bucket from the spar. The bucket was filled with over sixty pounds of water before catastrophic failure occurred.



Steve Pennypacker Showed how to create a fiberglass cooling shroud for a fuel engine with some very creative modeling using clay to get the tightest fit. He also showed a Scratch built tail section for his latest project.



Tom Bauer showed a constriction method for aileron torque rods using carbon fiber. Also shown was a method to easily cut end grain rib spacers for high performance sailplanes.



Tony Davids explained the ins and outs of setting up high performance helicopter gyros. Much more to it than might be expected.

There were also two Great Plane G3.5 flight sims available for members to try out. All in all it was a very entertaining and informative meeting.

-Lee Arnold

DAVIS FILED FEES

I received this reminder from Sudbury Park & Recreation to schedule filed time. It is time to take out a permit for spring 2007 flying at Davis Field. Last year, we took out a permit for eight Sundays from 11 am to 1 pm starting on the first weekend when sports programs start using Davis Field.

For spring 2007, I propose that CRRC take out a permit for April 15, 22 and 29 and May 6, 13, 20 and 27 and June 3 from 11 am to 1 pm. We may find that no sports groups have scheduled anything for spring Sundays, but I think that it is good politics to take out a permit anyway. At \$30/hour, the total will be \$480.

I presume that we need a vote at the next CRRC general meeting to spend the funds. Once approved, I will submit the permit request to Sudbury Park and Recreation.

A porta-potty will be provided by Sudbury Park and Recreation.

-Dick Williamson



VIRTUAL COCKPITS



I don't know about you but I find it very disappointing to see nice-looking radio controlled models that has large and prominent cockpits, often with a bubble canopy, but which don't have any pilot figures or cockpit details incorporated. This leads to the "who's flying this plane?" syndrome where the plane flies around looking as if it's being flown by an invisible pilot.

One solution, the most complicated, is to install a full-figure pilot figure with a complete simulated cockpit interior. This approach requires quite a bit of pre-planning in order to handle the extra room required for the pilot figure and cockpit details. I have a Goldberg Super Chipmunk that has a sheet styrene cockpit interior that, when painted, provides a pretty fair replica of the Chipmunk's interior and looks pretty good with a Mattel ® Barbie or Ken doll. However this approach is not often found in most sport models. Far more common is to have a pilot figure "bust", i.e. from the chest up, glued to the canopy base. This approach is slightly better than a completely unadorned cockpit, but not by much. I won't comment on the Yogi Bear figures that are often seen flying scale airplanes ☺



Another approach to cockpit detailing is to extensively duplicate the pilot's instrument panel with miniature dials and instruments, thin metal faceplates, etc. but these custom details are fairly expensive if purchased commercially and, of course, this approach usually leaves the rest of the cockpit detailing up to you.

I was thinking over these options recently while finishing up a Goldberg S2C Pitts biplane. The

Pitts' twin cockpits and large bubble canopy are "high vis" and contribute a lot to the aircraft's appearance. It seemed like a shame to leave the cockpits empty – however putting in a full-figure pilot and cockpit details would entail quite a bit of work that I wasn't keen to do. Installing just a pilot figure "bust" also seemed to be a partial solution.

Looking around on the Web, I happened to find "Virtual Cockpits" marketed by Gregg Wright that seemed like a good solution to my quandary. Gregg is a professional graphics artist who can provide CAD-based custom color photographs that represent the entire interior of a model aircraft's cockpit. Depending on the model type, these photographs can represent an instrument panel, the bottom floor of the cockpit including the seat, side panels, and the cockpit's rear bulkhead. Intriguingly, he can also represent the legs, lower body and arms of a pilot to match up to a pilot bust.



This sounded pretty good to me so I ordered a Virtual Cockpit for the Goldberg Pitts. I needed a suitable pilot figure for the plane and Gregg suggested that a 25% pilot figure would do well. I ordered a civilian pilot bust of that size from Cajun R/C Specialties, www.cajunrc.com that came from their Aerobatic Pro Series. The Cajun R/C pilot figure is pre-painted and I was careful to make sure that the jersey color chosen (yellow) was also specified to Gregg so that the pilot figure's shirt color would match the photo image. Gregg can change the pilot jersey colors to match

any colors desired, or you could repaint that portion of a pilot figure to match.



I was very pleased with the quality of the materials that I ordered. The Virtual Cockpit imagery are printed on high quality photographic paper and laminated to resist exhaust stains. The colors are quite vivid and very sharply delineated. The Cajun R/C pilot figure is fairly light and very nicely detailed, as you can readily tell from the photographs. Kregg provided the illustrations to outfit the Pitts' front and the rear cockpits and installation of the Virtual Cockpits was very easy: I carefully cut and trimmed the individual photographs and applied them using spray contact cement. The pilot figure was a perfect fit in the rear cockpit and is held fast by a thin bead of silicone adhesive. The Pitts' canopy is held down by small wood screws around the edges and holds down the pilot quite well so I'm not concerned about the pilot figure loosening.



The final appearance of the Virtual Cockpit and Cajun pilot figure is superb and more than met my expectations! Looking inside the cockpit, the pilot figure and the photo imagery merge together

and it really looks as if the pilot is gripping the controls of the plane! The instrument panel appearance is first rate in both cockpits as is the appearance of the seats and floors. Keeping in mind that I shot these pictures before the smoked gray canopy was attached – when that was put on, the cockpit appearance becomes even more realistic and it's almost impossible to tell, from an outside inspection, that the cockpit details aren't three-dimensional.



Kregg provided me a photographic rendition of the big biplane's multi-cylinder engine. This would be laminated to lightweight foam-core board and attached to the inside of the fiberglass cowl; a segment of the engine illustration will need to be removed to provide adequate cooling for the engine. I haven't installed this last detail yet but will do so after the biplane's maiden flights.

Virtual Cockpits are presently available for most of the larger R/C sport scale aerobatic models produced by Aero Works, Air Wild, Dave Patrick Models, Great Planes, Carden, and many others. Costs vary depending on the size and complexity of the layouts ordered; the Pitts' Virtual Cockpit costs \$35 and one for my Katana Mini electric park flier costs \$15. Kregg can also develop custom cockpit interiors if you provide cockpit interior templates. More information can be found at Kregg's website, www.wrightrc.com

Peter Young

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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
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

Call: 617-548-1364

Or visit our website at: charlesriverrc.org/indoor/

6th Annual Central NH Radio Control Auction



Sponsored Jointly by
The Concord Skyhawks &
The Concord Aero Guidance Society



Tons of great items for the hobby: planes, engines,
boats, cars, helicopters, electrics, radios and more!!!

**Free Admission
Raffles**

Saturday, January 20, 2007
Doors open 10:00 A.M.
Auction starts at 12:00 P.M. sharp
Location: Bow Community Center & Fire station
Bow, NH

**Food & Drink
available**

Everything will go – no reserves!!!!!!

Cash and credit cards accepted.

Buyer pays 10% premium

to Club so seller gets 100% of bid (if bid is lower than
sellers desired price the seller may bid and pay 5% to club).

\$25 and under flea market

Directions: I-93 north or South to I-89. I-89 north or south
to Exit 1. Turn right at stop sign. Go approximately 1 mile.
Bow Community Center / Fire station is on the left.

For more info contact Dick Smith: 603 224-2078 soozies@comcast.net
Dan Weed: 603-228-3188 weedfamily@comcast.net



Sellers Welcome!

Buyers Welcome!

Sunday January 28, 2007

... CASH ONLY PLEASE ...

RC Related Sales Only - No Private Sales
Small item tables available

Auction from 12:30 PM to 4:00 PM
Registration from 11:30 AM to 12:30 PM

*Refreshments!
Coffee, donuts, pizza
& cold drinks*

Raffle

JR 6-Channel
Computer
Radio System

ADMISSION FEE \$2.50
Includes door prize entry

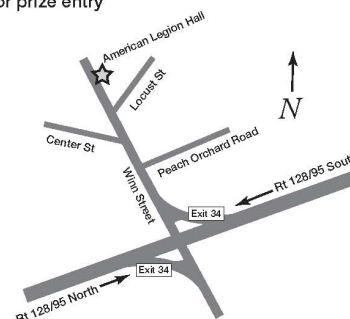
American Legion Hall

162 Winn Street, Burlington MA

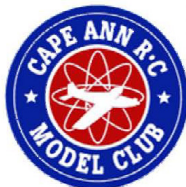
Selling Fee: 10% of selling price to club
treasury of your choice.

No minimum bid. If bid is lower than seller's
desired price, seller may buy back and club
receives 5%. **All items sold "as is".**
No warranty explicit or implied. **Buy-back
fee capped at \$5 maximum per item.**

For more information, visit www.mcrf.org
or www.burlington-rc.com.



FEBRUARY 18, 2007 Cape Ann RC Model Club Radio Control Auction 2007



DATE: FEBRUARY 18, 2007
WHERE: VFW HALL, ROWLEY MA
WHEN: SETUP & PREVIEW NOON TO 1:00 PM
AUCTION BEGINS AT 1:00 PM
TERMS: 10% OF SELLING PRICE TO THE CLUB.
NO EXTRA COST TO BUYER.

NO CHARGE UNLESS ITEM IS SOLD!

ANYTHING R/C WILL BE SOLD -
AIRCRAFT OF ALL TYPES
PREFERRED

ADMISSION IS FREE

AIRPLANE RAFFLE - REFRESHMENTS -
GOOD PARKING AND SEATING

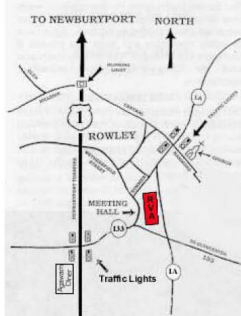
AUCTIONEER: STEVE GILBERT

THIS WILL BE A FAST-MOVING AND FUN
AUCTION. HELIS, JETS, FIGHTERS, AND
TRAINERS WILL BE SOLD. SMALL ITEMS
WILL BE GROUPED TOGETHER TO MEET
\$5.00 MINIMUM PRICING.

INFO: Steve Gilbert: stevegilbert@adelphia.net
Ted Wojcik: tedwojcik@verizon.net



Map to Auction



**ROWLEY VETERANS
ASSOCIATION**
ROWLEY, MASSACHUSETTS



Mark Drela gets ready to compete at the 2006 RES
contest. He was the man to beat. Mark flew his Bubble
dancer in the unlimited event.

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
 (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
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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.

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

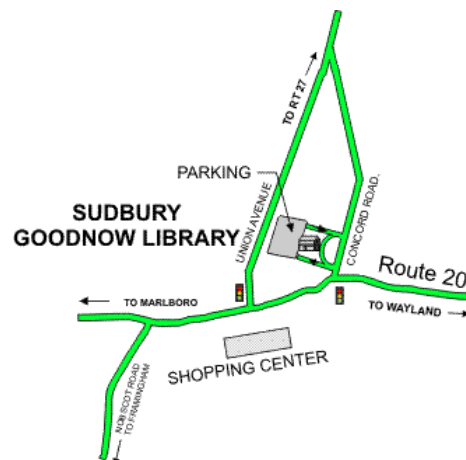
Here are the updated CRRC membership figures for 2007. The table summarizes the membership status from 1999 through current month, 2007.

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
2007	36	3	39

-John Nilsson

DECEMBER DIRECTORS MEETING

The next directors meeting will be, Tuesday, January 23rd 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

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)

Make Checks Payable to:
Charles River RC

SAVE \$5 - EARLY BIRD DUES RATES ARE LISTED

MEMBERSHIP CATAGORY	Rates until March 1, 2007	Rates After March 1, 2007
☐ OPEN Member	\$40.00	\$45.00
☐ JUNIOR member, (under 19 before 7-1)	\$1.00	\$1.00
☐ SENIOR member, (if age 60 before 7-1)	\$30.00	\$35.00
☐ SENIOR member, (if age 75 before 7-1)	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

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

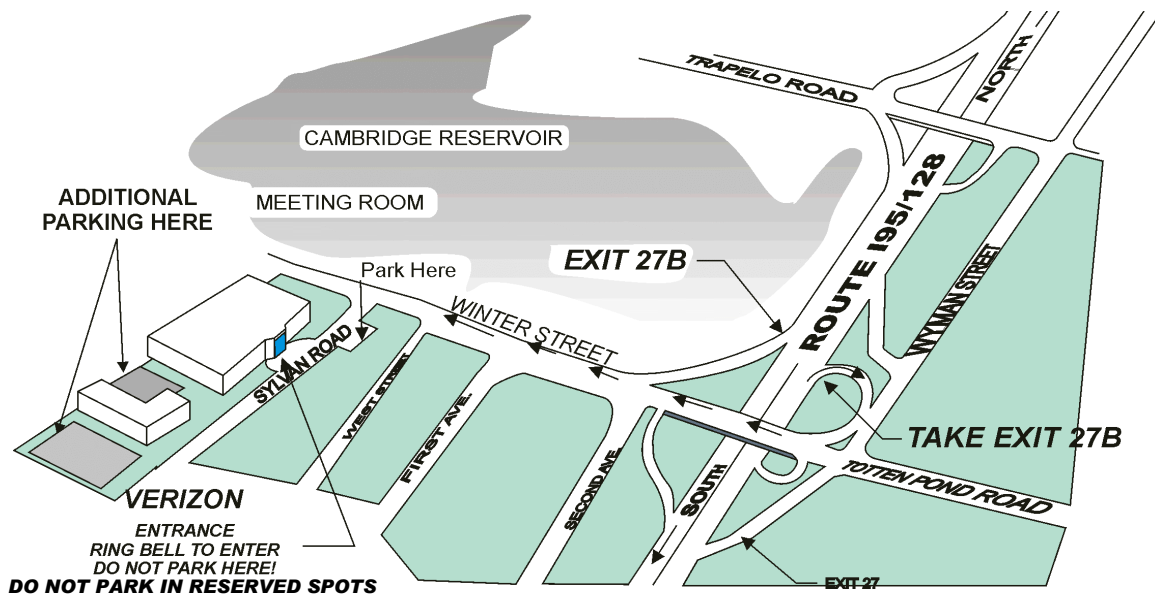
- ☐ I DO NOT want my address to appear
in the club phone book

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

To receive your newsletter by US mail, please contact John Nilsson, Membership Secretary 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.

One Design Contest



While looking for some fun that would get more of the club involved, I floated the idea of one design contest. This one will be with the Multiplex Easy Glider. Several new flyers have had success flying them as electrics, but the inevitable power race would discourage all but the most dedicated, so we'll stick to Histart/winch-launch.

Bruce already has his built, and Jose Bruzual pointed me to the best deal at under \$70 from BP Hobbies. So it's cheap, tough, and quick to put together.

The Easy Glider is a pure sailplane, capable of being aero towed or hand towed with the supplied towline, or hand launched on a slope. It's lightweight, and the clean lines guarantee long and stable flights. Assembly is fast with CA glues, and the sturdy "Elapor" foam construction resists damage from the occasional "hard" landing. The Easy Glider uses elevator, rudder and ailerons for "full house" control and the two-piece wing allows easy transporting to and from flying sites. Recommended Elevator/Rudder Servos: HS-85BB+ or BMS-380MG and Recommended 2 x ailerons Servos: HS-56HB or BMS-371



If we get enough interest, I'm sure we could get a good deal for the club for a quantity order.

-Fritz (who is always pushing one-design contests: H-Ray, Quickie 500, Scooter II, Spirit, Zagi, now Easy Glider...)

David Spielman / Editor