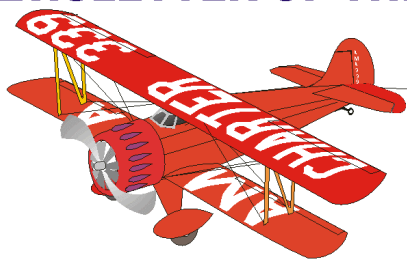


NEWSLETTER OF THE CHARLES RIVER RADIO CONTROLLERS, INC



CRRRC FLIGHT-LOG

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

AMA CHARTER 339

June 2006

VOLUME 43 NUMBER 6

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webmaster@charlesriverrc.org

GENERAL MEETING

**Wednesday June
21st at 7: 30 PM**

***FLYING AT
BILL
MARTIN
FIELD***

This is a flying meeting! Bring your winter projects and put them in the air.

We'll be starting early. Many flyers will be there by 5:00. Meeting ends at dusk.

For those of you who haven't been to the Medfield site, this is a power plane site. Fuel, electric and electric gliders work best.

Directions on the back page. In case of rain, meeting is cancelled.



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President's Letter



As I write this, on Sunday the 11th, the sun has finally returned. In spite of the sun, there was still no question of flying at Bill Martin Field in that the water is only 10' from the gate and must be about 2' deep over the lowest part of the road. I was disappointed that we had to call off Family Day, but on the other hand, we have managed to schedule a fly in at Collings Foundation for Father's Day June 18th. Please come out and join the fun, Tony Davids will be running the event and will have further details. For anyone who has not been to Collings, it is well worth the ride to see his collection of planes and antique cars.

Last month in my letter, I asked for a volunteer to take over as webmaster. I am happy to report that Brian Rickman came forward and has now taken over the responsibility for our web site. Any one with suggestions or changes to the web site should now contact Brian. You can also go through Brian for changes to the calendar.

It is great to be associated with a club where there is always someone to volunteer. Thank you to Brian for coming forward and a huge thank you to Joel for having served as web master for more years than we could have reasonably expected. I am sure that there will be a transition period and Joel will continue to be involved on a limited basis. He was instrumental in building and maintaining a first class web site and his efforts are very much appreciated.

On the subject of volunteers, thank you to Ken Antonellis for constructing a planter around the base of the new sign at Bill Martin Field. Ken made a base out of pressure treated wood and filled it in with dirt. His wife has volunteered (there's that word again) to do the flower arrangement.

On a serious note, I have been asked to remind everyone about safety at Davis. Apparently, it can get very busy on a nice weekend and the fact that both gliders and electricals are sharing the same field can create some close calls. I do not fly gliders, but I have been to Davis and I think that most glider pilots have gotten used to flying everywhere without restrictions while trying to find thermals and stretching out flights. This habit may have transferred to electricals as they have become more popular. With pilots walking out to retrieve their gliders, everyone needs to pay extra attention.

Now that electricals have gotten heavier and faster, it has become more important than ever to be aware of people out on the field and to give them a wide berth. At the very least, if you are flying low or landing, you should shout out a warning to make anyone in the area aware of your intentions. At Medfield, we announce low passes and landings. We also announce our intention to walk out onto the field. I don't fly at Davis so I am not in a position to make recommendations, but certainly common sense and courtesy go along way to safer flying.

-JP



Treasurers Report

TREASURER'S REPORT

Report Date 04/08/06

Report Date 06/07/06	
Starting Balance 05/01/06	
Checking	\$3,243.19
Savings	\$2,901.69
Cash Box	\$25.00
PayPal Acct	\$38.54
CD Accounts	\$4,643.61
Total Starting	\$10,852.03
Income	
Raffle income, May '06	\$101.00
2006 Dues income	\$426.00
Transfer from PayPal account	\$0.00
Interest - Savings	\$1.48
Interest - CDs	\$11.91
Total Income	\$540.39
Expenses	
Newsletter expenses, check #1491	\$28.38
New web server expenses, check #1492	\$72.00
Dues refund to new webmaster, check #1493	\$35.00
Scale Master Advance, check #1494	\$600.00
Total Expenses	\$735.38
Ending Balances	
Checking	\$3,034.81
Savings	\$2,903.17
Cash Box	\$25.00
PayPal Acct	\$115.62
CD Accounts	\$4,655.52
Grand Total Ending 05/31/06	\$10,734.12

-Jon Leehey
CRRC Treasurer

UPCOMING EVENTS

Sunday June 18th, 2006 – Collings Foundation Fun-Fly and open house. More information and directions at www.collingsfoundation.org

CRRC will fly at The Collings Foundation Open House "Wheels & Wings; Great and Small" Open: 8:30 AM to 4:30 PM
Donation Requested for non-flyers: \$10 Adults / \$5 Children.

Saturday and Sunday, July 15 and 16, 2006 - CRRC/ESL Hand Launch Classic HLG Contest. Takes place at Davis field. CD: Jose Bruzual (jebnet@bruzual.com) 518-798-1321. Novice and expert groups will have separate competition. Workshops will be offered at the contest. A contest participant only raffle will have some super prizes including several competition class DLGs. This is an excellent contest for all, so start building! More info at <http://www.flyecm.com/crrc/>

Wednesday July 19th, 2006 – Club meeting at Davis Field. Join the group for Glider and electric flying.

Saturday and Sunday, July 29 and 30, 2006 - Annual RES contest! Takes place at Davis field. Lunch and refreshments served. CD's: Tracy Clark and Dick Williamson. This contest is a great way to meet and compete with fliers from around the area. First and second year fliers should consider getting their feet wet at this contest.

Saturday and Sunday, August 12 and 13, 2006 – Annual CRRC/ESL Open Class Soar-In. Takes place at Davis field. CD's: John Nilsson and Anker Berg-Sonne. Join the Eastern Soaring league at www.flyesl.com and sign up for this contest. World-class fliers from around the East coast will be here to compete. Sportsman and Expert classes will be ranked separately, so novices are encouraged to enter.

-David Spielman



MAY GENERAL MEETING NOTES



Secretary's Report: May 17, 2006 General Meeting

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

Field Reports

Davis field was wet last weekend and continues to be wet. The night of the meeting there was good flying at Davis field even though it was wet and very green. It was discussed that there had been some fuel-powered planes flying at Davis by other than CRRC members. CRRC has agreed to fly only sailplanes and electric powered airplanes at Davis. Unfortunately we cannot control the activities of non-CRRC members. Medfield had 18" of water on the road at meeting time. Reports are that as of mid-June the road is under more water than ever. Comments were that the field is in great shape if you can get to it.

Old Business

John Nilsson on membership. We had 13 new members and 112 renewals. The signup rate continues to lag previous years. No other old business.

New Business

The next meeting will take place at Medfield. If it is raining the meeting will not be relocated to the facilities at Verizon. If it is a nice evening be sure to bring adequate an adequate supply of bug spray. See you there!

Tony Davids reported that there had been a few near misses at Medfield. Problems include flying over pits and walking on the field. The comment is we all need to be aware of our own safety and the safety of others. We also need to consider how we handle the new Spectrum radio systems on the frequency board.

Mitch Buckley received \$600 entry fee for the Scale Masters contest. Reported on Top Gun contest.

Corey Hallock reported on a contest to be held June 11-12 called Bottom Gun. There will be at least 4 jets and many scale planes in attendance at this meet.

Dick Williams also received a check for the Sudbury Parks and Recreation for the three contest weekends, a total of \$900 or \$300/weekend.

New Pilots

NONE.

Guests

John Armstrong is interested in soaring. We will be seeing him at Davis field this summer.

Corey Hallock is into 3-D, aerobatics, sailplanes and choppers.

Tom Kamila-second meeting into gliders brought Apogee wing.

Raffle

The first prize was an FMA Quantum 8 channel receiver. Was won by Andrew Johnsen.

Tony Davids won second prize. The prize was a 400 size SAAB Gripin in Depron foam.

Show & Tell

This meeting was our spring meeting where the members were invited to bring their winter projects in to share with the general membership.



John Nilsson showed us his wintertime electronic project. This was a homemade battery charger with a thermister to detect a fully charged cell by the slight rise in

temperature that accompanies the end of charging.



Dave Spielman brought in the wing center section of his new sailplane. The fuse is built (stock) and the tail section is done. This is from Laser Arts. "Another month of rain and I could finish it" was Dave's comment at the meeting. It is probably finished by now.



Larry Wetmore showed a Big Bird XL with a 110" WS.



Fritz Bien showed a hybrid Bubble Dancer 126" WS sailplane. "It flies like a free flight". It has a Supra nose that was shortened for balance. At 38 oz weight, the wing loading is about 5oz.



Corey Hallock Brought a Hanger 9 Cap II with 60" WS. Should do 80-90 mph. The plane does not want to land. Corey wants to fly a 220 mph plane.



Ian Langley showed a Blade CP, a collective pitch chopper.



Lincoln Ross Showed a homemade delta wing made from blue fan fold foam. At approximately 7 oz it uses Pico-stick gear. "It needs a rudder".



Welcome Bender brought a 115" WS wing for a 7.5 oz wing loading sailplane. Instead of ailerons this

wing sported wing tips that could be rotated. While flying there is about a 3 second delay from stick input to turning. He also has a second wing with more traditional ailerons.



Derick Veliz showed a GWS semi scale C130, 4 motor cargo transport. This is a \$90. GWS kit. As you would expect Derick has explored the flight envelope. "It will roll and fly inverted."



Jose Velez showed a Tower Trainer. This was kit bashed to change from trike gear to a tail dragger configuration. It has an endoplasm RC car motor for power. At 5 ½ pounds it will fly for over 20 minutes.



Jack Buckley brought a small electric plane, Hyper-Link that he purchased for \$100 at the WRAM show in February.



John Cartisser Brought a large all wood plane powered by a 100cc motor. This giant scale plane sports 9 servos with dual receivers and battery packs. It has had two flights and flew well, but is a little loud.



Tom Camilla Brought a 40" DLG that he is building for his son who works at Boeing. This is to be a birthday gift.

Jack Buckley won the Cool Tool.

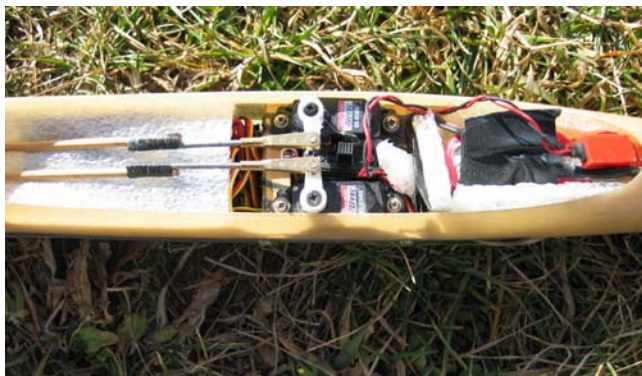
-Lee Arnold



MANTIS FUSEALAGE SET UPS



Planning your project can be daunting. While planning my Mantis, I borrowed ideas from other modelers and recorded them digitally. My job was a lot easier once I knew what worked.



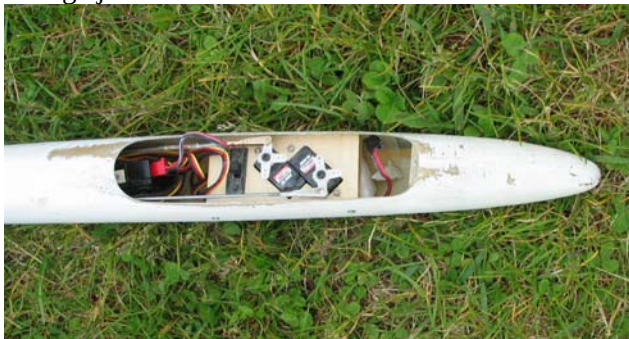
Chris' with wood push rods.



Chris' with wire push rods.



Charge jack on John Nillson's I think.



Fritz's V tail



Minor's new longer fuse with batteries in the rear.



Bruce's, Notice the ferrites. Servos still twitch when close to the transmitter.



Jeff's original, now Andrew's



Bruce's Cross tail.

-David Spielman



TOP GUN 2006, LAKELAND, FLORIDA



At 7:30 a.m. April 22, 2006 we headed for Top Gun leaving from Wayland, MA headed to VA for the first night, ending up in South Hill, VA. at 7:30 p.m. After a couple of days in Charlotte, NC we continued on to Lakeland, arriving on Tuesday night.

Wednesday morning, April 26 we headed to Lakeland Regional airport for practice. Weather conditions were not optimal for practice, 25-30 mph cross winds. I chose not to practice, due to the heavy winds.

Thursday and Friday were for Pro-Am competitors. Included in this group were Charlie Nelson, from Marlboro, flying his Waco bi-plane and Mitch Epstein, from the Leominster area, flying his SE5 Biplane. The top 50% of Pro-Am would fly another round on Sunday. Charlie was included in this group! Saturday and Sunday, Team, Expert and Masters flew two flights each day. Saturday the winds were the worst of the weekend, but fortunately no tents flew.



I don't recall ever flying in winds this strong in New England. Flying in the Team class was Edward Omiccioli, the builder and Ruane Crummett the pilot, flying a Spacewalker II. In the Expert class was Jack Buckley flying his Tiger Moth Bi-plane. Also in the Expert class was Mitch Buckley flying his P-47. Team New

England survived very well with all the planes coming home in one piece. Charlie finished in 13th place in Pro-Am-Pro! Ruane & Ed finished in 10th in Team! In Expert, Jack finished 15th and Mitch 17th!



On all days of competition, there was a tremendous half time show between rounds. John Glazellis of Millis flew a formation flying demo with Frank Noll from team Futaba. It was quite impressive. Half time interests were the flying lawnmower, an attempt at breaking the sound barrier and a B-25 bomber demonstration.



Further information can be viewed at franktiano.com.

-Ruane Crummet

Charles River Radio Controllers Hand Launch Classic

July 15 – 16 , 2006

Sportsman, Expert flier categories

Awards: * Trophies 1st–3rd place each day

* Weekend champion

**Davis Field, Rte. 117
Sudbury, MA**

Entry fee: \$17 per day, \$30 for both days

One raffle ticket included.

Lunch provided on field.

DLG info session/clinic on Saturday.

NO registration at the field.

Check-In: 8:00–8:45 AM

Pilot's meeting: 9:00 AM

First round start: 9:15 AM

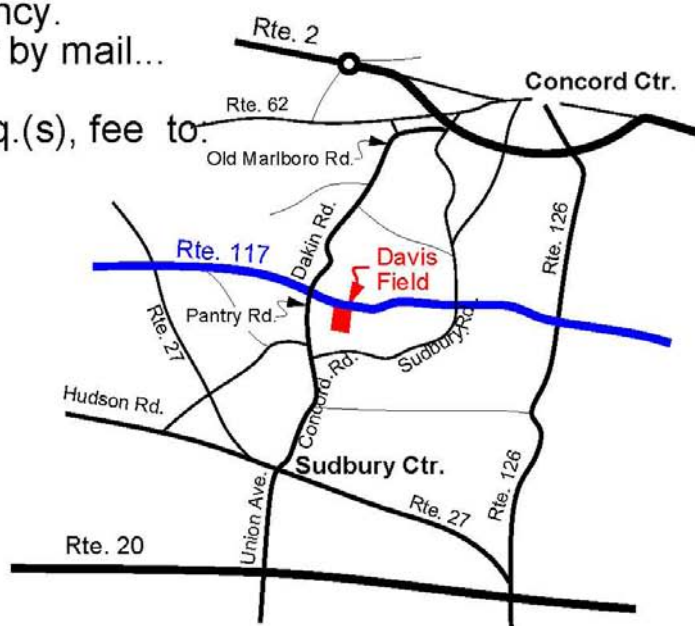
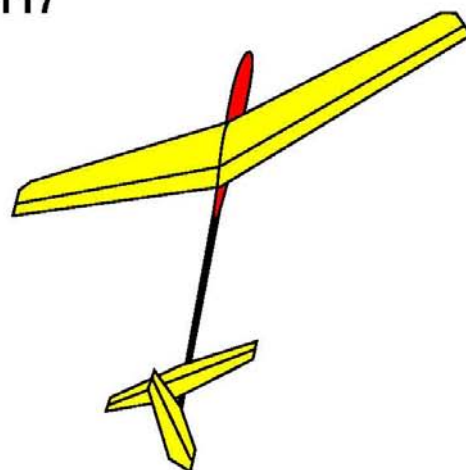
No more than 2 fliers per frequency.

Register at www.flyesl.com , or by mail...

Send name, AMA#, date(s), freq.(s), fee to.

Mark Drela
218 Thorndike St. #205
Cambridge, MA 02141
drela@mit.edu
617 253 0067

Visit www.flyecm.com/crrc/
for additional info.





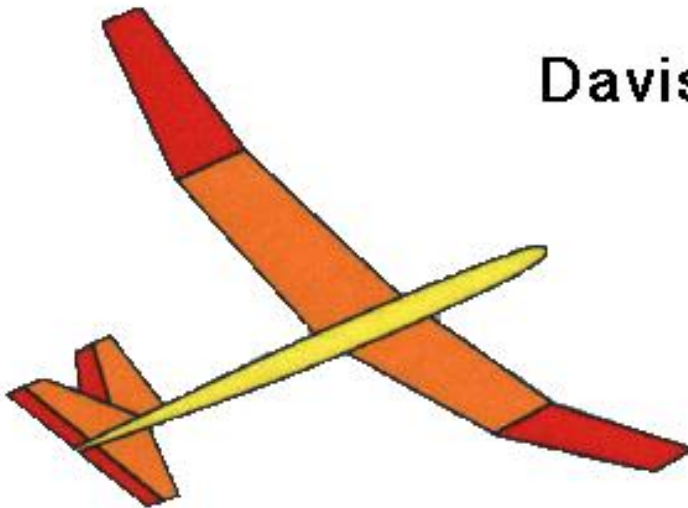
RES Soaring Contest

2-meter and Unlimited classes

Saturday and Sunday July 29 and 30
CDs Tracy Clark and Dick Williamson

Davis Field, Rte. 117

Sudbury, MA

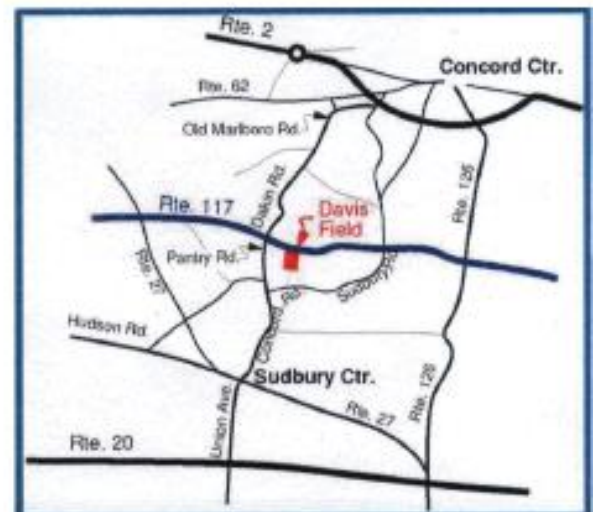


Entry Fee: \$10
(includes lunch)
or \$15 for both classes

12V winches/retrievers

Registration at the field: 8-9AM;
Pilot meeting: 9:05 AM

Questions contact:
Tracy Clark
tclark@magnemotion.com
(978) 461-5090 x228





33rd ANNUAL CRRC SOAR-IN SUDBURY MA



AUGUST 12th and 13th 2006

SITE: DAVIS FARM SUDBURY ROUTE **117** (¼ mi. East of DAKIN RD.)
SANCTIONS: AMA and ESL Sanctioned Contest
CDs: Anker Berg-Sonne (SAT), and John Nilsson (SUN)
AWARDS: Expert And Sportsman Through 3rd
FIRST TWO-DAY OVERALL
TASKS: Man-on-man DURATION with L-4 LANDING BOTH DAYS weather permitting.
EQUIPMENT: 6-V FORD 3110 on 12 Volts
FOOD: Lunch at the Field. Free to contestants and helpers, \$5.00 for spectators
Frequency Control: 1 flyer/freq: Your frequency guaranteed on receipt of payment
SCHEDULE: **Check-In** 8:00 AM; **Pilot's Meeting** 9:02 AM; **First Flight** 9:18 AM
FEES: PREREGISTRATION: \$15 per day, Checks or PayPal to anker@ankersoft.com received before August 10th

REGISTER ON-LINE: [ESL Registration Site](http://www.charlesriverrc.org) Contact anker@ankersoft.com if your frequency is taken.
We will work something out!

SEND REGISTRATION TO:
MAP AND HOTEL
INFORMATION AND LATEST

ANKER BERG-SONNE
8 Middlemost Way
Stow MA 01775
978 8971750

INFORMATION WILL BE MADE AVAILABLE ON INTERNET AT:
[HTTP://WWW.CHARLESRIVERRC.ORG](http://www.charlesriverrc.org) .

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CLASS: EXPERT ☐ SPORT FLYER ☐ JUNIOR ☐

NAME _____

ADDRESS _____

CITY/STATE/ZIP _____

PHONE# _____

E-Mail _____

CHANNEL 1st Choice _____ 2nd Choice _____

AMA# _____

SAT: ☐ SUN: ☐

Make checks payable to CRRC

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@yahoo.com

(781-894-6683)

POWER:

Bob Scott	Norwell	781-982-0268
Pete Young	Watertown	617 923-4184
Ken Antonellis	Natick	508-653-4513
Jon Leehey	Wayland	508 358 5721
Dave Walter	Hudson	508-562-5400
Fritz Bien	Concord	978-369-1720
Neil Kaufman	Sudbury	508-443-9647

ELECTRICS:

Bruce Schneider	Hudson	978-562-9900
Fritz Bien	Concord	978-369-1720
Dave Walter	Hudson	978-562-5400
Derrick Veliz	Acton	978-266-1739
Pete Young	Watertown	617 923-4184
Lincoln Ross		

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

HELICOPTERS:

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

BUILDING:

Ruane Crummett	Wayland	508-655-2234
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

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]

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.

MEMBERSHIP

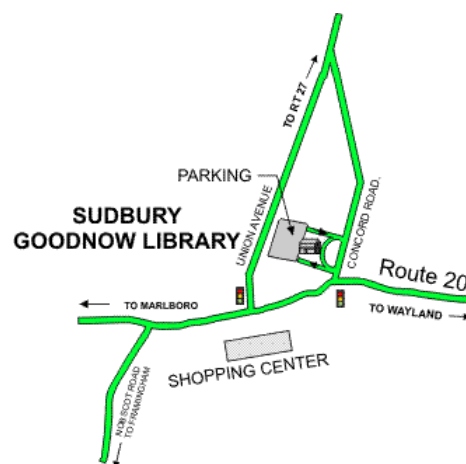
Here are the updated CRRC membership figures for 2006. The table summarizes the membership status from 1999 through current month, 2006.

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	117	14	131

-John Nilsson

MAY DIRECTORS MEETING

The next directors meeting will be, Tuesday, June 27th at 7:30 PM, at the Sudbury Goodnow Library. All club members are invited to attend.



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 form



THE CHARLES RIVER RADIO CONTROLLERS, INC

2006 MEMBERSHIP APPLICATION

AMA Charter 339

THIS FORM EXPIRES ON MARCH 1ST 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)

Make Checks Payable to:
Charles River RC

MEMBERSHIP CATAGORY	Rates as of March 1, 2006
☐ OPEN Member	\$40.00
☐ JUNIOR member, (under 19 before 7-1)	\$1.00
☐ SENIOR member, (if age 60 before 7-1)	\$30.00
☐ SENIOR member, (if age 75 before 7-1)	Free if AMA member
☐ Full time STUDENT	\$25.00
☐ Family member additional to OPEN membership	\$25.00

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

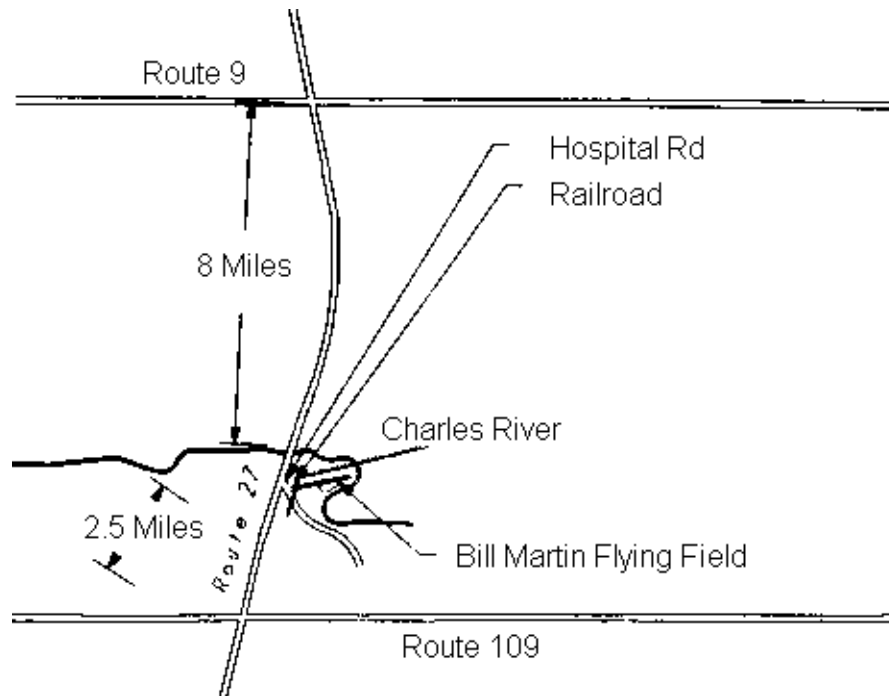
- ☐ I DO NOT want my address to appear in the club phone book

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

To receive your newsletter by us mail, please contact 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 BILL MARTIN FIELD IN MEDFIELD



The Charles River Radio Controllers meets the third Wednesday of each month. The June and July meeting will be located at the Club flying fields. Guests are welcome. Look for the Newsletter announcement on the second Wednesday of the month.

Scale Launch



Scale gliders require ground takeoff. The assistant holds the plane back while the winch is cranked, then releases for a slingshot takeoff.