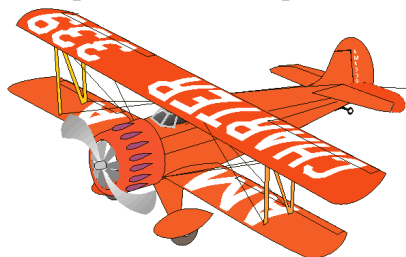


# NEWSLETTER OF THE CHARLES RIVER RADIO CONTROLLERS, INC



## CRRRC FLIGHT-LOG

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

AMA CHARTER 339

May 2003

VOLUME 40 NUMBER 5

### 2003 CRRRC OFFICERS

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508 653-3560

[joel.foner@fonerassoc.com](mailto:joel.foner@fonerassoc.com)

### GENERAL MEETING

Wednesday  
May 21st 7: 30  
PM

### Evaluating Sailplane Performance using On- Board Pressure Loggers

*Speaker: Martin Jonikas*

*In the spring of 2003, two MIT students attempted to measure the performance of a radio-controlled electric glider in flight. The goal was to obtain a CL-CD plot using on-board LoLo altitude loggers. This talk will give an overview of the merits and limitations of this technique.*

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### MAY RAFFLE

1st Prize \*

A new Olympic II Sailplane  
kit !



2nd Prize \*

Surprise  
Second  
Prize!

3rd Prize \*

Gallon 'o Fuel or Selection  
of Cool Tools.

\*Show and Tell prize will be A special useful  
tool!

--Jon Leehey  
Raffle Chairman



Your Caption goes here:

\*

## Open House and Fun Fly at the Collings Foundation!

*(Saturday and Sunday, June 7-8.)*

The Collings Foundation in Stow is having an open house on the weekend of June 7-8. The public is invited to come see the fantastic collections of airplanes in the hangar and antique cars in the car barn. Where else can you go and see a Fieschler Storch, a Stanley Steamer, a Bleriot, a Cord, a T-6 Texan, and a Duesenberg all in the same place?

The Foundation is not generally open to the public, so this is a special occasion. A fee (amount TBD) will be collected as cars enter. This will cover admission to the hangar, the car barn, and the grounds. There will be food for sale.

As part of the open house, RC flyers are welcome for a fun fly both days. This is not a contest. Just have fun! There will be open flying from 9 a.m. to 5 p.m., both days. There will probably be a couple of breaks during the day so that some spectators can be taken up in a Stearman."

While CRRC is organizing the fun-fly, **all AMA members are invited to fly!** If you have a plane in your car, you will be waived through at the entrance. Flyers will pay \$15 for two days of flying and admission to the displays. This fee will be collected at the RC registration tent on the runway side of the hangar. The major portion of the fee will go to the Collings Foundation. Each pilot will be given an identification badge that can be used on both days. A winch for sailplanes will be set up on one end of the runway so that launches take place away from the pilot stations for the gas and electric flyers. There will be four pilot stations. The

runway is about 2000 feet of mowed grass. All transmitters will be kept in a transmitter impound. The spectator area for non-flyers will be cordoned off from the runway.

CRRC volunteers are needed to help run the event, both on the flight line and elsewhere. We need help setting up and taking down all of the RC-related equipment. Also, the Collings Foundation folks have asked us to help with a variety of tasks during the weekend.

### **Detailed Route instructions:**

#### **From Route 117:**

Take Rte. 117 into Stow. At the traffic lights, go south on Rte. 62 (Gleasondale Rd.) for about 1 1/2 miles. Going around a sharp corner, take Whitman St., which goes off to the left. You will go up then down a hill. At the bottom of the hill, there is an intersection of Whitman St. with Boon Rd. to the right, and Sudbury Rd. to the left. Turn left onto Sudbury Rd. Go about 200 yards and cross a wooden bridge over the Assabet River. Just beyond the bridge, go right (south) on Barton Rd. Go 0.6 miles on Barton Rd. and turn right, up a private driveway (house with chain link fence opposite the driveway). - 137 Barton Rd. is the address for the Collings Foundation.

#### **From Sudbury Center:**

A variety of routes lead to the Route 27 intersection at the colonial center of Sudbury with its white churches. At the lights, go west on Route 27. A short distance past the lights, Route 27 veers right toward Maynard. Do not go right, but rather go straight ahead on what is called Hudson Road. Continue west on Hudson Road past the old entrance to the drop zone and the fire-fighting academy. The first right past the academy is Sudbury Road. Take this past Lake Boone to Barton Rd. which will be on your left. If you cross the river, you have gone too far. Go 0.6 miles on Barton Rd. and turn right up a

private driveway (house with chain link fence opposite the driveway). - 137 Barton Rd. is the address for the Collings Foundation.

*--Dick Williamson*

## **TREASURER'S REPORT**

Report Date 4/30/03

|                                       |                 |
|---------------------------------------|-----------------|
| <b>Starting Balance 3/31/03</b>       |                 |
| Checking (after #1301)                | 4,870.16        |
| Savings                               | 4,590.38        |
| Cash                                  | 25.00           |
| <b>Total Starting</b>                 | <b>9,485.54</b> |
| <b>Income</b>                         |                 |
| Raffle                                | 159.00          |
| Keys                                  | 5.00            |
| Service Charge Rebate                 | 25.00           |
| Interest on Savings (April)           | 3.60            |
| <b>Total Income</b>                   | <b>192.60</b>   |
| <b>Expenses</b>                       |                 |
| Mike Cormier – March Newsletter #1302 | 40.87           |
| Jon Leehey – Raffle Prizes #1303      | 115.90          |
| Monthly Bank Fee (April)              | 11.00           |
| <b>Total Expenses</b>                 | <b>167.77</b>   |
| <b>Transfer</b>                       |                 |
| Transfer to Savings                   | 1000.00         |
| <b>Ending Balances</b>                |                 |
| Checking (after #1303)                | 3,891.39        |
| Savings                               | 5,593.98        |
| Cash                                  | 25.00           |
| <b>Total Ending 3/31/02</b>           | <b>9,510.37</b> |

*Signature: Miner Crary*

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## PRESIDENT'S Message

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### Slope Soaring Etiquette in Public Places.

--By Andy Smith

Like most activities shared in Public spaces commonsense should always prevail.

This commonsense should be delivered in our model selection, flying style, and landing approaches. Moreover, we should make sure new pilots are briefed on protocols, frequency controls and slope conditions. Where possible skilled pilots should assist, ensuring less skilled pilots are given clear instructions on the do and do-not's of the site.

The risk of injury to people, plants, animals and models should be continually monitored and assessed, and flying styles changed to suit conditions.

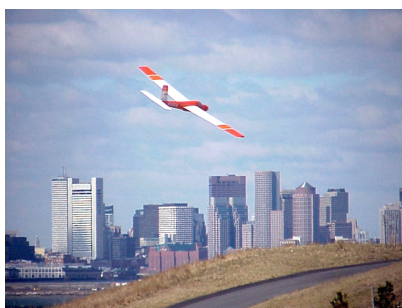
As conditions change, more people, less people, more pilots, greater wind strength etc... So should our flying style also change to meet the new the conditions.

Radio Frequency control should be of utmost importance, a simple switch left on, could shoot down another model.

Fly in front of the slope and never over other pilots' spectators.



If the landing area is crowded do not risk it! Pick a soft bush. High speed passes should be called, i.e." --From the Left! --"



If you are out of control and heading for people, the call "Heads-Up!" Normally get people a moven' and a shaken.

Happy Landings

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<http://rc-sailplanes.dezzanet.com.au/>

--Derick Veliz

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## Davis Field Spring Lacrosse schedule

When the schedule for the Sudbury Lacrosse program first came out, it appeared that CRRC would have little use of the Davis Field during the spring season. The lacrosse program has reserved the field from 9a.m. to dusk on

Saturdays and 10:00 a.m. to dusk on Sundays.

However, the experience over the past few weekends has been that Davis Field is primarily used for games on the weekends, and the field is open much of the time. For information on the game schedule, go to:

<http://www.sudburylacrosse.com/>

For a detailed complete schedule including practices, see:

<http://www.sudburylacrosse.com/Schedule.asp?teams=3499,3505,4193,3504,4192,3501,4475,4604,3502,4190,3449,3503,4191&org=SUDBURLACROSSE.COM>

Here is what you will find for the schedule of practices and games at Davis Field on weekends:

|                                |                                                          |
|--------------------------------|----------------------------------------------------------|
| Sat. 5/10                      | 8:00 – 10:00a.m.<br>(Practice) -- no<br>games scheduled. |
| Sun. 5/11                      | 2:30 p.m. game.                                          |
| Sat. 5/17                      | 8:00 – 10:00a.m.<br>(Practice) -- no<br>games scheduled. |
| Sun. 5/18                      | 4:00 p.m. game.                                          |
| Sat. -<br>Monday,<br>5/24-5/26 | (Memorial Day<br>weekend) No<br>games scheduled!         |
| Sat. 5/31                      | 8:00 – 10:00a.m.<br>(Practice) 1:00<br>p.m. game.        |
| Sun. 6/1                       | 2:30 p.m. game.                                          |
| Sat. - Sun.<br>6/7 - 6/8       | 8:00 – 10:00a.m.<br>(Practice) -- no<br>games scheduled. |
| Sat. 6/14                      | No games<br>scheduled.                                   |
| Sun. 6/15                      | 2:30 p.m. game.                                          |

No games are scheduled after 6/15. Our experience has been that the players start showing up about an hour before game time.

--Dick Williamson

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## APRIL GENERAL MEETING NOTES

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### Secretary's Report: May 2003 General Meeting

**Derek Veliz** – opened the business meeting at 7:40pm.

Secretary's report was approved as printed in newsletter.

Treasurer's report was approved as printed in newsletter. (1 opposed.)

### Field Reports

**Medfield** – Chris reports that the water is receding. There is no mud on the road now.

**Davis** – The field is still wet. Lacrosse will be taking over soon.

**Teamwork's** – No "carnage" last time out, about 15 pilots.

### Old Business

#### Membership:

- 154 members so far in 2003
- 194 peak members in 2002.

### New Business

**Next BOD was** – April 22. John Weigel volunteered to attend as members-at-large.

**Dick Williamson** – reports that Poor Farm Meadow is a possible alternative to Davis. Deer Island is another possibility but flyers a warned to keep a low profile – we may get kicked out.

**Dick Williamson** – has obtained the AMA sanction for the Hand Launch Contest on July 20<sup>th</sup>.

**Roger Bye** – is fundraising for the Student Science Olympics.

**The Medfield Cleanup** – and Fun Fly has been postponed until April 18<sup>th</sup>.

**Saturday April 26<sup>th</sup>** – is an earth day event that is open to electric flight. Derek has details.

### Raffle

**Roadkill P-40 kit** – Name?

**Set of hemostats** – Dick Williamson.

**Cool Tool** – Razor Plane – Warren Chafe.

**Show and Tell** – Stick on weights – Andrew Johnson.

### New Pilots

-None-

### Guests

**Dilip Kokater** – is flying a wingo.

**Jake** – flies electric's

**Jose Veliz** – flies helicopters and electric's.

**John** – from Norwood is building a trainer.

**Michael Kern, Shay McGuire and Peter Vescuso** – are interested in electric's, thinking of joining CRRC.

**Harold Regan and Wolfgang Fowler** – came to see the lecture

**Derick closed the business meeting at 8:0 5pm.**

**Show And Tell**

**Chris Schuch** – Added 90 degree flaps to his old yellow plane. It now can make landing approaches nearly straight down.

**Andrew Johnson** – A Pushy Cat electric with brushless power.

**Missed name** – A Wedgie

**Andrew Bennet** – Ikarus ECO 8 electric heli.

**Mitch Buckley** – A Weston UK Magnum that he hopes will make 200mph. Power is a .50 2-stroke on a full-length tuned pipe.

**Luke P.** – Royal Ju-87 Stuka

**John Nillsson** – electric Wright Flyer.

**Dave Walter** – compressed air power toy free-flyer.

**Derek Veliz** – Ikarus electric heli.

**Mark Drela** – A rib from the Daedalus human powered plane.

--Jeremy Harkin

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### MAY DIRECTOR'S MEETING

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**The next directors meeting will be, Tuesday, May 27th at 7:30 PM, at the Sudbury Goodnow Library.**



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# CRRC BUILDING AND FLIGHT INSTRUCTORS

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**T**his 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 TOWN TELEPHONE

### POWER:

#### Chief Instructor:

**Ruane Crummett**

(Wayland 508-655-2234)

|                |            |              |
|----------------|------------|--------------|
| Bob Scott      | Norwell    | 781-982-0268 |
| Pete Young     | Watertown  | 617 923-4184 |
| Larry Copeland | E. Walpole | 508-668-0448 |
| 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 |

### 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 |

### 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    | Waltham   | 781-891-0332 |

### HELICOPTERS:

– None Available at present –

### 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 |

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## CRRC LIBRARY

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The club keeps a library of videos and books. They are made available at club meetings. If you cannot come to the meeting, and would like to borrow a video or book, call Ken Antonellis at **(508) 653-4513**.

### Videos:

1996 World Masters Aerobatic Championships  
AMA – The Pioneers (25 min)  
Byron – New Generation of Modeling Products (17 min)  
Byron – R/C Wars

Combat Models – Fighter town Demo (8 min)  
Coming of Jets & History of the DC3  
Dynamic Soaring  
Elmira '97  
Endless Lift  
Hot Stuff Video (60 min)  
Local Flying (Medfield)  
Military Aircraft  
Monokote 1 & 2  
Old Buzzard Goes Flying  
R/C Helicopters  
R/C Info and Tips  
R/C Ornithopter Research  
Project R/C Soaring from the Ground Up

R/C Video Magazine, Vol. 1-13  
Scale Aircraft Documentation  
The Light Stuff (Daedalus Project)  
Wring It Out, Vol. 2

### Books:

1993 Don Edberg Complete Source Book  
AMA – Sound and Model Aeronautics  
Aviation Heritage Magazine – B2 Flying Wing  
Completely Cars – Harry Higley  
Trainers (R/C Magazine)

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## TREE CLIMBERS

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### **Tony Morais**

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

### **Brian Pikarski**

Burlington, MA  
617-797-2136

### **Kenny Greeno**

Office Phone: 617-661-8591

Cell Phone: 617-839-1814

### **Paul Harrington**

**(508) 376-2573 [Medfield Area]**

# CRRC WEB SITE STATISTICS

| By Country                                     | Visitors | %     |                             |    |      |                                  |   |      |  |
|------------------------------------------------|----------|-------|-----------------------------|----|------|----------------------------------|---|------|--|
| 1 Major Domains (.com, .net, .gov, .mil, .edu) | 20208    | 75.37 | 29 Israel (.il)             | 42 | 0.16 | 58 United Arab Emirates (.ae)    | 5 | 0.02 |  |
| 2 Australia (.au)                              | 721      | 2.69  | 30 Croatia/Hrvatska (.hr)   | 39 | 0.15 | 59 Costa Rica (.cr)              | 4 | 0.01 |  |
| 3 Canada (.ca)                                 | 605      | 2.25  | 31 Hungary (.hu)            | 38 | 0.14 | 60 Ukraine (.ua)                 | 4 | 0.01 |  |
| 4 United Kingdom (.uk)                         | 576      | 2.15  | 32 Malaysia (.my)           | 37 | 0.14 | 61 Andorra (.ad)                 | 3 | 0.01 |  |
| 5 Italy (.it)                                  | 456      | 1.7   | 33 Taiwan (.tw)             | 37 | 0.14 | 62 Bermuda (.bm)                 | 3 | 0.01 |  |
| 6 France (.fr)                                 | 358      | 1.33  | 34 Thailand (.th)           | 30 | 0.11 | 63 French Polynesia (.pf)        | 3 | 0.01 |  |
| 7 Brazil (.br)                                 | 256      | 0.95  | 35 Romania (.ro)            | 28 | 0.1  | 64 Malta (.mt)                   | 3 | 0.01 |  |
| 8 Netherlands (.nl)                            | 249      | 0.93  | 36 Russian Federation (.ru) | 27 | 0.1  | 65 Panama (.pa)                  | 3 | 0.01 |  |
| 9 South Africa (.za)                           | 247      | 0.92  | 37 Chile (.cl)              | 26 | 0.1  | 66 Azerbaijan (.az)              | 2 | 0.01 |  |
| 10 New Zealand (.nz)                           | 242      | 0.9   | 38 Hong Kong (.hk)          | 24 | 0.09 | 67 Brunei Darussalam (.bn)       | 2 | 0.01 |  |
| 11 Japan (.jp)                                 | 216      | 0.81  | 39 Columbia (.co)           | 23 | 0.09 | 68 Ecuador (.ec)                 | 2 | 0.01 |  |
| 12 Germany (.de)                               | 213      | 0.79  | 40 Slovenia (.si)           | 22 | 0.08 | 69 Egypt (.eg)                   | 2 | 0.01 |  |
| 13 Finland (.fi)                               | 208      | 0.78  | 41 Turkey (.tr)             | 20 | 0.07 | 70 Lebanon (.lb)                 | 2 | 0.01 |  |
| 14 Belgium (.be)                               | 183      | 0.68  | 42 Lithuania (.lt)          | 19 | 0.07 | 71 Samoa (.ws)                   | 2 | 0.01 |  |
| 15 Mexico (.mx)                                | 166      | 0.62  | 43 Estonia (.ee)            | 17 | 0.06 | 72 Aruba (.aw)                   | 1 | 0    |  |
| 16 Poland (.pl)                                | 160      | 0.6   | 44 Indonesia (.id)          | 17 | 0.06 | 73 Ascension Island (.ac)        | 1 | 0    |  |
| 17 United States (.us)                         | 147      | 0.55  | 45 Dominican Republic (.do) | 14 | 0.05 | 74 Belarus (.by)                 | 1 | 0    |  |
| 18 Spain (.es)                                 | 138      | 0.51  | 46 Slovakia (.sk)           | 12 | 0.04 | 75 Bulgaria (.bg)                | 1 | 0    |  |
| 19 Sweden (.se)                                | 126      | 0.47  | 47 Cyprus (.cy)             | 9  | 0.03 | 76 China (.cn)                   | 1 | 0    |  |
| 20 Denmark (.dk)                               | 106      | 0.4   | 48 Peru (.pe)               | 9  | 0.03 | 77 Cocos (Keeling) Islands (.cc) | 1 | 0    |  |
| 21 Argentina (.ar)                             | 101      | 0.38  | 49 Iceland (.is)            | 8  | 0.03 | 78 Gibraltar (.gi)               | 1 | 0    |  |
| 22 Norway (.no)                                | 91       | 0.34  | 50 Philippines (.ph)        | 8  | 0.03 | 79 Guatemala (.gt)               | 1 | 0    |  |
| 23 Portugal (.pt)                              | 90       | 0.34  | 51 Venezuela (.ve)          | 8  | 0.03 | 80 Korea, Republic of (.kr)      | 1 | 0    |  |
| 24 Austria (.at)                               | 88       | 0.33  | 52 Ireland (.ie)            | 7  | 0.03 | 81 Mauritius (.mu)               | 1 | 0    |  |
| 25 Switzerland (.ch)                           | 84       | 0.31  | 53 Uruguay (.uy)            | 7  | 0.03 | 82 Moldova (.md)                 | 1 | 0    |  |
| 26 Singapore (.sg)                             | 79       | 0.29  | 54 Saudi Arabia (.sa)       | 6  | 0.02 | 83 Niue (.nu)                    | 1 | 0    |  |
| 27 Czech Republic (.cz)                        | 64       | 0.24  | 55 Yugoslavia (.yu)         | 6  | 0.02 | 84 Pakistan (.pk)                | 1 | 0    |  |
| 28 Greece (.gr)                                | 49       | 0.18  | 56 India (.in)              | 5  | 0.02 | 85 Tonga (.to)                   | 1 | 0    |  |
|                                                |          |       | 57 Luxembourg (.lu)         | 5  | 0.02 |                                  |   |      |  |

## NEW ENGLAND SCALE CHAMPIONSHIPS

And

### U.S. SCALE MASTERS QUALIFIER

**JUNE 21, 22, 2003**

**SITE: GARDNER AIRPORT – GARDNER, MA**

**EVENTS: EXPERT, SPORTSMAN, JR., & TEAM SCALE & AMA FUN SCALE**

**Airtronics Radio awarded to First Place Team  
AMA SANCTION # 03-0401**

**Registration begins at 7:30 A.M. Saturday Only!**

**No Sunday Registration!!!**

**NOTE! THERE ARE NO RESTRICTIONS ON FLYING.**

**JETS ARE WELCOME.**

**Paved and Grass Runways!**

**CAMPING ON SITE: NO HOOK- UPS--\$ 5.00 donation accepted at Food tent!**

**THERE WILL BE FOOD ON SITE: SAT. AND SUN.  
FOR MORE INFO. CONTACT:**

**JACK BUCKLEY  
65 DEVENS ST.  
MARLBORO, MA.  
01752.  
(508)-481-0955**

**JIM SBROGNA  
11 BENEDICT ROAD  
WORCESTER, MA  
01604  
(508)-328-5973**

**DON WEAVER  
6 DEWEY ST.  
MAYNARD, MA  
01754  
(978)-897-9591**

*E-MAIL: newenglandscale@yahoo.com*

#### Directions:

From the West and South: I-95 to I-91 North to Rte. 2 East to Exit 22 South Follow R/C Signs to Airport.

**From the North: I-95 South to Rte. 2 West to Exit 22 South to the Airport Follow R/C signs.**

From the East: I-395 to I-290 to I-190 to Rte. 2 West to Exit 22 South Follow R/C Signs to the Airport.

**LOOK FOR R/C SIGNS FROM RTE. 2 TO THE AIRPORT!!!**



# THE CHARLES RIVER RADIO CONTROLLERS, INC

## 2003 MEMBERSHIP APPLICATION

AMA Charter 339

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

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

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

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

### I PREFER TO RECEIVE MY NEWSLETTER

☐ **ELECTRONICALLY**

☐ **Via the US Mail**

To receive membership card and field pass, bring this application to a club meeting, or mail with a copy of your Year 2003 AMA LICENSE, appropriate dues, and a **SELF ADDRESSED STAMPED ENVELOPE** to:

**Dick Williamson /Secretary CRRC**  
**P.O. Box 398**  
**Lincoln, MA 01773**  
**Telephone 978 443-8549**  
E-mail: [williamson@ll.mit.edu](mailto:williamson@ll.mit.edu)

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

| Membership Type:                            | Yearly Dues: |
|---------------------------------------------|--------------|
| OPEN Member                                 | \$35.00      |
| JUNIOR member,<br>(under 19 before 7-1)     | \$20.00      |
| SENIOR member,<br>(if age 60 before 7-1)    | \$25.00      |
| Full time STUDENT                           | \$20.00      |
| Family member additional to OPEN membership | \$20.00      |

### I'M INTERESTED IN THE FOLLOWING:

- ☐ TRAINERS/SPORT PLANES  
☐ GLIDERS  
☐ INDOOR/PARK FLYERS

- ☐ ELECTRICS  
☐ HELICOPTERS  
☐ SCALE

- ☐ PATTERN  
☐ RACING  
☐ GIANT SCALE

☐ OTHER (specify) \_\_\_\_\_

### FREQUENCY DATABASE

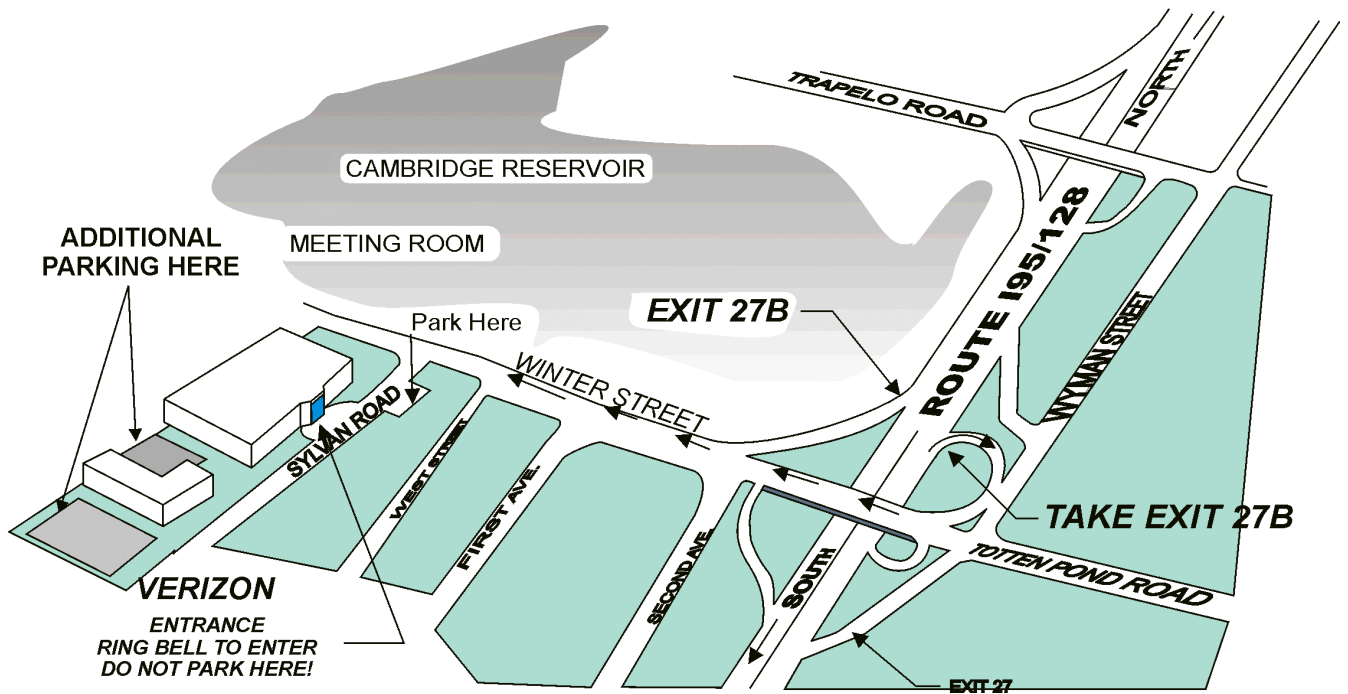
This database is made to help you select future radios that have the fewest conflicts with ones used by others at the flying field. Put the number of transmitters that you own for each frequency. **Add D if it is your primary frequency at Davis and M if it is your primary at Medfield.**

11> \_\_\_\_\_ 16> \_\_\_\_\_ 21> \_\_\_\_\_ 26> \_\_\_\_\_ 31> \_\_\_\_\_ 36> \_\_\_\_\_ 41> \_\_\_\_\_ 46> \_\_\_\_\_ 51> \_\_\_\_\_ 56> \_\_\_\_\_  
12> \_\_\_\_\_ 17> \_\_\_\_\_ 22> \_\_\_\_\_ 27> \_\_\_\_\_ 32> \_\_\_\_\_ 37> \_\_\_\_\_ 42> \_\_\_\_\_ 47> \_\_\_\_\_ 52> \_\_\_\_\_ 57> \_\_\_\_\_  
13> \_\_\_\_\_ 18> \_\_\_\_\_ 23> \_\_\_\_\_ 28> \_\_\_\_\_ 33> \_\_\_\_\_ 38> \_\_\_\_\_ 43> \_\_\_\_\_ 48> \_\_\_\_\_ 53> \_\_\_\_\_ 58> \_\_\_\_\_  
14> \_\_\_\_\_ 19> \_\_\_\_\_ 24> \_\_\_\_\_ 29> \_\_\_\_\_ 34> \_\_\_\_\_ 39> \_\_\_\_\_ 44> \_\_\_\_\_ 49> \_\_\_\_\_ 54> \_\_\_\_\_ 59> \_\_\_\_\_  
15> \_\_\_\_\_ 20> \_\_\_\_\_ 25> \_\_\_\_\_ 30> \_\_\_\_\_ 35> \_\_\_\_\_ 40> \_\_\_\_\_ 45> \_\_\_\_\_ 50> \_\_\_\_\_ 55> \_\_\_\_\_ 60> \_\_\_\_\_

**HAM LICENSE CHANNELS:** license may be checked at the field!

01> \_\_\_\_\_ 02> \_\_\_\_\_ 03> \_\_\_\_\_ 04> \_\_\_\_\_ 05> \_\_\_\_\_ 06> \_\_\_\_\_ 07> \_\_\_\_\_ 08> \_\_\_\_\_ 09> \_\_\_\_\_  
53.1> \_\_\_\_\_ 53.2> \_\_\_\_\_ 53.3> \_\_\_\_\_ 53.4> \_\_\_\_\_ 53.5> \_\_\_\_\_ 53.6> \_\_\_\_\_ 53.7> \_\_\_\_\_ 53.8> \_\_\_\_\_

LOCATION OF MONTHLY MEETING  
FOR THE CHARLES RIVER RADIO CONTROLLERS  
at VERIZON LABS



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