

NEWSLETTER OF THE CHARLES RIVER RADIO CONTROLLERS, INC



CRRRC FLIGHT-LOG

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

AMA CHARTER 339

MAY 2007

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GENERAL MEETING

Wednesday May

16th

7:30 PM

Club Meetings are at Verizon
Labs at 40 Sylvan Road in
Waltham. Guests welcome.

TOP GUN REPORT 2007

Jack and Mitch Buckley are
fresh back from Top Gun
2007. Hear first hand about
the event, competition, and
half time show. Don't wait for
the magazine reports.



RAFFLE

First Prize

Apogee Sport kit



Subsidized by Jose Bruzaul

www.flyecm.com

We are offering this prize as an
incentive to get people involved
in the hand launch contest later
this summer. There is plenty of
time to get it done and join the
fun.

second Prize

**Mystery electric kit fresh from
China**

or a gallon of fuel



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President's Letter



Collings Foundation Open House, June 17 & 18

The Collings Foundation Open House (www.collingsfoundation.com) will once again take place on Father's Day Weekend, June 17-18, 2007 in Stow, MA. This event is open to the public for a small admission price and is a great time. I have attended the last 3 or 4 years. CRRC and Crowe Island members are invited to participate in a fun fly on Saturday and Sunday on the Collings Foundation grass field. Fun fly participants receive same day complimentary admission to the Open House. We will be flying from around 9 AM – 4 PM. As in years past, The Collings Foundation will be offering rides in their PT-17 Stearman for an additional charge. Two years ago I took a ride in the PT-17 Stearman with Rob Collings, the son of the foundation's founder. We flew over the surrounding area (including my house which is just a few miles away). The ride is well worth the price! You can even take the stick if you book a long enough ride. Last year this ride was so popular that they gave rides all day Saturday, Sunday and most of Monday. So book your rides early.

The Open House has a wide variety of other things to see as well. There are vintage, race and mini cars. The vintage car collection is amazing. There is a Duisenberg that was owned by the Duisenberg family. These cars regularly go for over \$1 million at auction. They also have a Cadillac limousine owned by Al Capone and a mini car collection from a local collector. Aviation enthusiasts will love the aircraft in the massive hangar. They have some unusual vehicles as well, like a half-track with a working canon that fires blanks.

Be sure to stay long enough to strike up a conversation with another attendee. Last year, I met someone who had flown on a WW II B-25 bomber just like the one that the Collings Foundation flies.

Helicopter Fun Fly's in June 9, 24 & 25

There are several great helicopter fun fly's in the month of June. Mark your calendars! June 9, 2007 (rain date: June 10) is a great fun fly put on by the Lazy Loopers club, www.lazyloopers.com, in Wrentham. There are usually 25 – 35 pilots in attendance. They have quite a few factory reps on hand. The ability of the pilots in attendance has been spectacular in prior years. They have food and lots of door prizes from vendors so every pilot usually goes home with something.

There is another large helicopter fun fly at Crowe Island on June 23 & 24, 2007 (a two-day event.) Saturday is usually highlighted by helicopter rides in a Robinson R-22. I took a ride in it two years ago. It was one week after my ride in the Stearman. I flew over my house two weeks in a row! We also flew down the Assabet River. If you are afraid of heights, don't take this ride. The large window and open side will scare the daylights out of you. The former organizer of this event, who still attends, is a featured pilot at IRCHA Jamboree in Muncie where over 400 pilots attend.

Do Spread Spectrum Radios Cause Crashes?

I know this heading is a little spectacular and possibly misleading, but my brother said that his club has had several crashes attributable to the new spread spectrum radios. It has nothing to do with the radio quality or function. The crashes have occurred for a couple of reasons. In one case, an older radio was swapped out for the spread spectrum. The pilot had the ailerons reversed. He did an amazing job of flying it around after realizing it, but crashed on the landing with the plane coming toward him. He was a pretty experienced pilot too. So how many of you have had the ailerons reversed? (I am raising my hand right now.) I did that on my third plane. I now check every plane before each first flight of the day to make sure all surfaces move in the right direction. The other cases were due to familiarity or lack thereof. The pilots were either familiar with other manufacturers' radios or this was their first time with computer type radios. The unfamiliarity with the new radio and its settings caused them to crash. So if you decide to upgrade your radio, familiarize yourself with the radio before you take it flying.

See you at the field, hopefully.

-Tony Davids

Treasurers Report

TREASURER'S REPORT

Report Date 05/6/07

Starting Balance 04/01/07	
Checking	\$4,482.19
Savings	\$786.71
Cash Box	\$25.00
PayPal Acct	\$173.56
CD Accounts	\$6,292.20
Total Starting	\$11,759.66
Income	
Transfer from PayPal account	\$173.56
Dues	\$260.00
Apr Raffle Income	\$107.00
Interest - Savings	\$0.19
Interest - CDs	\$17.87
Total Income	\$558.62
Expenses	
Stamps, misc, check #1528	\$29.29
Total Expenses	\$29.29
Ending Balances	
Checking	\$4,993.46
Savings	\$786.90
Cash Box	\$25.00
PayPal Acct	\$0.00
CD Accounts	\$6,310.07
Grand Total Ending 04/30/07	\$12,115.43

-Jon Leehey
CRRC Treasurer

FIELD KEYS

Keys for the Bill Martin Field in Medfield are have been changed. We have a new lock this year. It is important to follow the club rules with respect to keys. Lock the gate upon entering and exiting. Park in designated areas; do not lend keys to non-club members. Our fields are our most valuable asset, be responsible and a good neighbor.

Your fellow members take the club guidelines seriously, so please support you fellow members by holding to membership manual.

UPCOMING EVENTS

Wednesday May 16th – General Meeting



TOP GUN 2007 REPORT

Jack and Mitch Buckley have just returned from Top Gun 2007 and will definitely have some stories to tell. Both Jack and Mitch compete in events including scale competition. Workmanship and flying are at top levels. Come to the meeting and check it out.

See you there.

JUNE 10TH, SUNDAY FAMILY FUN FLY!

CRRC will be hosting a family fun fly at the Bill Martin field in Medfield. Refreshment and lunch will be served. This event is open to CRRC members and their guests. Ken Antonellis is the coordinator.

Saturday and Sunday June 17th and 18th Fathers day weekend – Collings Foundation open house.

Hours are 10am to 4pm.

Contacts: Jon Leehey coordinator

Tony Davids CD

June 20th General meeting at Bill Martin Field in Medfield – Guests are welcome!

Meeting will include an informal yard sale. Bring your goodies to sell or trade. Gates open at 5:00 pm and close at dusk. No key is necessary.

If you're wondering if power flight is for you, this is the meeting to go to. Try your hand on the trainer planes. Buddy boxes will be available. Ken Antonellis will bring the club trainer.

Secretary's Report: General Meeting April 18th 2007

The meeting was called to order at 7:50 PM by President, Tony Davids.

Field Reports

Medfield has been experiencing 25 MPH winds. There were signs of a bonfire having been built, however the table was not burned. The old frequency board was destroyed. The field, however is in great shape.

Davis Field is closed due to wet field conditions. The far end near the tree line is especially wet. It seems OK if you stay near the parking lot.

Membership Report

13 New members

99 Renewals

44 Have not renewed.

The 112 members are about where we were last year at this time.

Old Business

None

New Business

Fill for Medfield is on hold for the time being.

There was a reminder of the Father's Day weekend show at the Colling's Foundation. This year the event will be held both Saturday and Sunday. RC exhibition flights will be flown both days by Crow Island and CRRC.

Jon Leehey will be our Safety Officer. He will be rewriting the Safety Rules. A few general tips: Clean plane carefully and you may find potential problems. Be careful with Li-Po batteries. AMA rules require a pilots' name and address to be on each plane. We need a fire extinguisher at the fields, particularly at Davis Field. We need a first aid kit at each field. Each pilot should have his channel number on the antenna. He will be rewriting the daily preflight check sheet. Should be different for new pilots.

Solos

None

Meeting Guests

Francisco Aquino likes helicopters. Is looking for an outside 'copter. Found us on the AMA website, then visited our site.

New member Henry Pasternack. Was a glider pilot. Now has an 8 year old son. Both looking forward to flying.

Raffle Winners



Thomas Stammberger won the Hotpoint-EP electric plane and the Convair XYF-1 / Pogo foamy was won by John Weigel.



The business meeting was closed.

Guest Speaker

We were our own "Guest Speakers" as it was Winter Project Night.



Warren Chafe brought his Flying Quaker, this was a reproduction of an old Megow kit. The plane was finished in Monocoat. The blue scallops were cut by hand with a knife and pieced in individually on the transparent red covering. Power will be provided by an out-runner motor.



Jon Bachman showed a Hanger 9 Pulse XT 40. With a 65" wingspan and 770 sq inches of wing it is powered with an Axi out-runner 43-20-18 motor. This is approximately 8 ounces of motor! It is red and white and powered by a 5S (19 volt) 4600 Mah battery pack. Power is controlled by a Jeti controller with a switching regulator. Static power draw is 38 Amps or 740 Watts. All up weight is 5lb 6oz.



Thomas Stammberger Brought in a Busy Bee in blue and white. One of the draws of this plane for Tom was the vertical sides that will make it easy to mount his video cameras. With a 44" W.S. and 373 sq inch of wing it should fly well. The motor draws 15amps and produces 12.3 oz of thrust.



John Cartisser brought his model of an SE-5. This is an ARF from Tower Hobbies. He built it in just three hours. With a Rimfire motor and 18 amp controller, it should be a great flier.



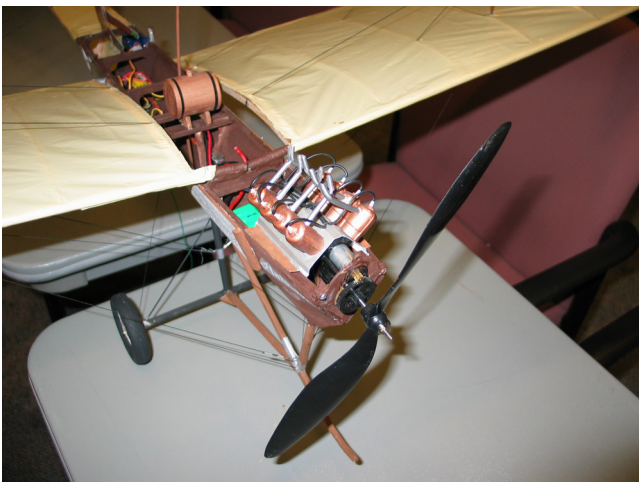
Rick Pendzick showed the assembled members his model of Miss Los Angeles. This racer came in second in the 1934 Thompson Trophy. The model weighs 24 oz before installing a motor. This will be a brushed motor, controller and gearbox. It is constructed of 1/32" balsa with fiberglass. It is covered in red Monocoat.



Evan Hadingham brought in his Sig Antoinette #13. This is a model of a plane flown by Ubert Latham almost across the English Channel. It is not quite to scale with a slightly longer wingspan. He even made his own wire wheels. The plane came in at about 15 ounces.



Dave Rajczewski showed a Flip Glider built from a \$4 catapult kit. He did a little kit-bashing and came up with a 24" plane made from two kits. He calls his creation a Double Flip.



Jake Megowen, while surfing the web, found a 'glass fuse, hardwood covered wing, plane. He will install a brushless motor. His statement was "I like high power-to-weight ratio planes." He likes the challenge of e-power with all the choices. "I build heavy and fly when the wind blows.

Tom Stammberger Won the Cool Tool and chose a screwdriver kit.

DEER ISLAND

Wow what a nice day at Deer Island. Dan Murphy and I were the only two that showed up. Conditions were almost ideal. Nice steady wind blowing almost directly into the east bowl. I could do continuous loops with my DAWS P-51.



Tom immediately after launching his P51.

My new, year old new transmitter battery died after only an hour of time on it or I would have flown longer than I did. I only got about 20 minutes of flying before it died. I left my old battery on the charger at home because this one always gives me about 4hours of flying.

-Tom Bauer



Inverted flight was a piece of cake with near perfect wind conditions



Low pass by the water tower is very scale.

APRIL BOD MEETING

The board meeting opened with discussion of future meeting topics. Steve recommended a museum slide show by Jeremy Harkin to be done after semesters end, Charlie Nelson to present scale WACO competition. And Jack and Mitch Buckley on Top Gun 2007.

Jon Leehey opened a discussion of the Collings Foundation fly in on fathers day weekend. Model flying will be restricted to named clubs due to sanctioning from the AMA. CRRC qualifies as a named club. Crow Island will be flying too. Ken Antonellis will cut the field grass very, very short Friday night so that we can take from the runway.

The board approved holding the summer meeting at the two club fields. June will be held at Medfield, July and August will be held at Davis Field. We will promote a swap during June and August meetings. No raffle will be held.

The board members are reviewing the club By-Laws to update them to our current operating procedures. These will be presented to all club members followed with a vote for affirmation.

Preflight checklists were sent provided by Jon Leehey for improving safety.

-David Spielman

CRRC NEW POWER PLANE CHECKOUT LIST

AIRFRAME

- ☐ Visual check for airworthiness of construction, any loose glue joints
- ☐ Check incidence, alignment, washin/washout, any warps
- ☐ Landing gear properly placed and mounted
- ☐ Wheels rotate freely, wheel collars tight
- ☐ Control surfaces properly secured
- ☐ Control surface gaps as small as possible or sealed
- ☐ Wing center joint glued with epoxy and wrapped with fiberglass
- ☐ Linkages free from binding and slop
- ☐ Clevises properly fastened and secured, with clevis retainers
- ☐ Fore/aft balance correct
- ☐ Name, address, and AMA number on/in plane

ENGINE/MOTOR

- ☐ Engine/motor suitable size for airframe
- ☐ Engine/motor properly fastened to plane with proper thrust line
- ☐ Propeller proper size for engine/motor, undamaged
- ☐ Glow or gas fuel tank proper location with proper plumbing
- ☐ Motor battery secured in airframe
- ☐ Spinner or rounded prop nut
- ☐ Acceptable muffler for glow/gas engine
- ☐ Throttle travel from full to off

RADIO INSTALLATION

- ☐ Frequency flag with PROPER CHANNEL on transmitter
- ☐ Frequency pin created with Name, AMA number and channel number
- ☐ Receiver (and receiver battery pack) wrapped in foam and properly installed
- ☐ Servo grommets installed with correct orientation, not too tight, all screws in
- ☐ Servo arms screwed in
- ☐ Push rods secured and properly working
- ☐ Antenna properly mounted, fully extended

AFTER FREQUENCY IS CLEARED

- ☐ Proper control movement with no binding
- ☐ Control surfaces correspond to stick direction
- ☐ Control surfaces in neutral position with trims at NEUTRAL
- ☐ Radio range checked with engine/motor on at idle and at full throttle
- ☐ Engine/motor idle setting checked

GENERAL

- ☐ Frequency control understood, proper frequency pin made
- ☐ Field rules understood
- ☐ Safety issues understood

PILOT/OWNER_AMA No. _____

INSPECTOR _____ DATE _____

COMMENTS _____

CRRC POWER PLANE DAILY

PREFLIGHT CHECKLIST

AIRFRAME

- ☐ Visual check for damage, wrinkled covering indicating hidden damage
- ☐ Check firewall by rocking engine/motor
- ☐ Landing gear straight and mounting hardware tight
- ☐ Wheels rotate freely, wheel collars tight
- ☐ Check hinges by tugging on all control surfaces
- ☐ Control horns and clevises secure
- ☐ Wing bolts tight
- ☐ Enough rubber bands, in good condition, not fuel soaked

ENGINE/MOTOR

- ☐ Engine/motor mounting hardware still there and tight
- ☐ Propeller undamaged with no nicks or chips, prop nut tight
- ☐ Spinner securely fasten and not cracked
- ☐ High speed not too lean (glow engines) and idle speed correct
- ☐ Muffler header and center screw tight
- ☐ Motor battery fully charged

RADIO

- ☐ Frequency is clear and pin is on frequency board
- ☐ If multiple flyers on same frequency, other flyer's transmitter off and in impound
- ☐ Transmitter and receiver batteries fully charged

AFTER FREQUENCY IS CLEARED

- ☐ Proper control movement with no binding
- ☐ Control surfaces correspond to stick direction
- ☐ Dual rates checked and in proper setting for takeoff
- ☐ Radio range checked with engine/motor off
- ☐ Plane restrained



Charles River Radio Controllers 2007

FAMILY FUN FLY

*Join us! On Sunday June 10th, 2007, 9:00AM to 2:00 PM
At the Bill Martin RC flying field, Medfield, MA*

*Bring your kids and planes too!
(That is if they fit after the kids are in)*

*We will have trainer airplanes available for newcomers to try, as well as gliders,
aerobatic airplanes and helicopters!*

*Some RC ground fun with RC trucks/cars as well!
Food and refreshments will be available, and don't forget your hat*



*If you want to add some hiking – biking – canoeing, here is some more info :
http://www.thetrustees.org/pages/360_rocky_narrows.cfm*

*Ken Antonellis is CD
kxa@verizon.net*

The Collings Foundation Open House "Wheels & Wings; Great and Small" 2007

June 16th and 17th - Fathers Day Weekend
Open Daily: 8:30 AM to 4:30 PM
Donation Requested: \$10 Adults / \$5 Children

CRRC and Crow members who are flying enter free

This is a public event and reservations are *not* required.

Display will include:

- **Aircraft:** [TBM Avenger](#), [Wright "Vin Fiz" replica](#), [1909 Bleriot](#), [Fokker DR-I replica](#), [PT-17 Stearman](#), [Cessna UC-78 Bobcat](#), [North American AT-6 Texan](#), [Fiesler Fi-156 Storch](#), [Lockheed T-33 Shooting Star](#), and a Yakolev Yak-3 rebuild project.
- **Automobiles:** Entire Collings Foundation collection - [see list for details](#).
- **Minicar Display** courtesy of the Gould Foundation Collection of Hudson, MA
- **Collings Foundation Gift Shop**
- **PT-17 Stearman Rides - Limited Availability**
\$100 for 15 min / \$175 for 1/2 Hour
Call 978-562-9182 for reservations. [See PT-17 Info here](#)



DIRECTIONS ON HOW TO FIND THE COLLINGS FOUNDATION:

The Collings Foundation is located at 137 Barton Road in Stow, MA near Lake Boon –
[Please see the directions to the location at this link.](#)

For more information, please email info@collingsfoundation.org or call 978-562-9182.

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:

Jon Leehey

treasurer@charlesriverrc.org

508-358-5721

POWER:

Jeremy Harkin Waltham 781-894-6683
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
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]

NEW KEYS ARE READY

2007 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

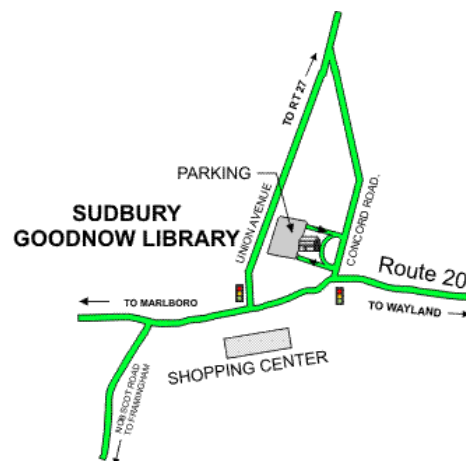
Here are the updated CRRC membership figures for 2007. The table summarizes the membership status from 1999 through current month, 2007.

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	108	12	120

-John Nilsson

MAY DIRECTORS MEETING

The next directors meeting will be, Tuesday, May 22nd at 7:30 PM, at the Sudbury Goodnow Library. All club members are invited to attend. Please volunteer to attend at the next club meeting.





THE CHARLES RIVER RADIO CONTROLLERS, INC

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

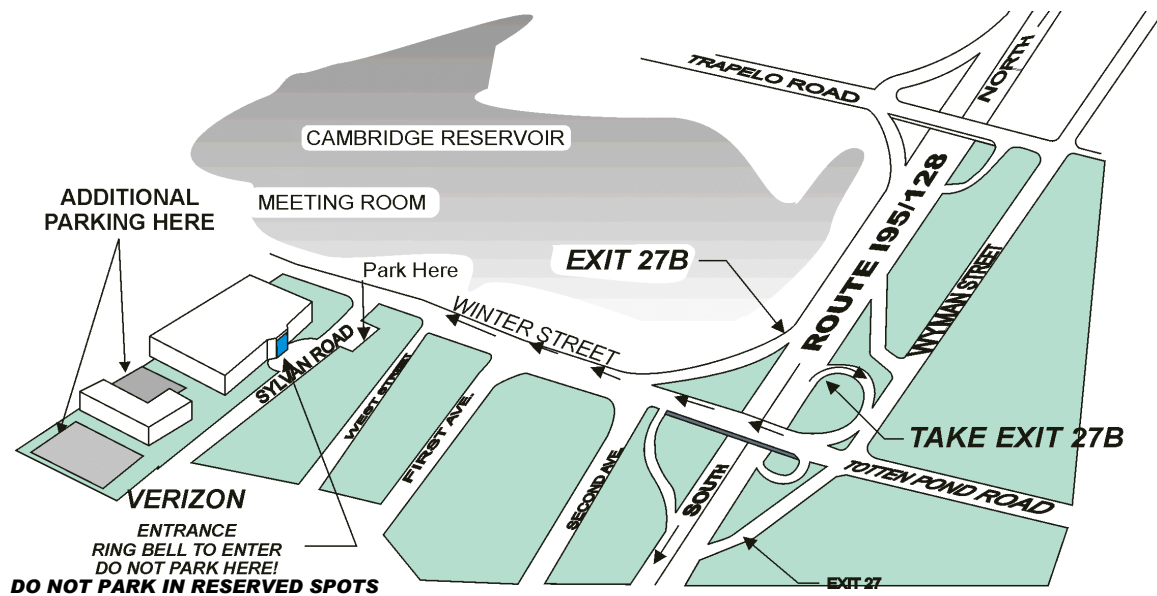
- ☐ I DO NOT want my address to appear
in the club phone book

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 CRRRC MONTHLY MEETING AT VERIZON LABS ON 40 SYLVAN ROAD 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.



Tom Bauer flies his DAW P51 mustang in an inverted pass at Deer Island.