

NEWSLETTER OF THE CHARLES RIVER RADIO CONTROLLERS, INC



CRRRC FLIGHT-LOG

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

AMA CHARTER 339

APRIL 2005

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GENERAL MEETING

Wednesday April
20th
7: 30 PM

*GUEST
SPEAKER*

Steve Young

Will give a presentation on Glenn
Curtis and the Curtis Museum.

February RAFFLE

1st Prize

*Your Choice of
Power!*

The winner will have the choice
of the Super Tiger 45 or an E-flite
brushless motor with 20-amp
speed controller.

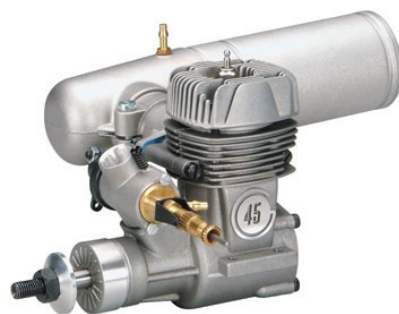


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and
WON
a
COOL TOOL
for
Show-n-Tell

-Ken Antonellis

President's Letter



I think spring is finally here. It's great to be out flying and not freezing my fingers off. We even had a nice evening of flying last Wednesday, the first following the move to daylight savings time. Just as I was getting better at flying my Zagi, I'm happy to let it collect some dust during the soaring season.

There are a couple of business items that I need to address this month. The first has to do with our meeting facility. We need to make sure that we leave the facility in the exact manner as we arrived. To be sure that this happens, it was decided at the Board of Directors meeting that we will not do any rearranging of the room prior to the President arriving. The President will then be able to confirm that the room is returned in the proper order. Your help is very much appreciated.

Another issue that I want to touch on here is that of UAV flying:

The 2005 AMA Safety Code, section Radio Control, Rule 9 says:

"The operator of a radio-controlled model aircraft shall control it during the entire flight, maintaining visual contact

without enhancement other than by corrective lenses that are prescribed for the pilot. No model aircraft shall be equipped with devices which allow it to be flown to a selected location which is beyond the visual range of the pilot."
<http://www.modelaircraft.org/PDF-files/memannual05.pdf>

It is my understanding that we have allowed some UAV flying provided that there is a ground spotter maintaining visual (non-enhanced) contact with the plane and that plane is being flown within normal r/c flight distances.

My goal here is not to restate or reexamine these rules. As I mentioned at last month's meeting we would bring up the subject at the following BOD meeting. I know there are some members that are interested in pursuing rules changes at the AMA but none of these members were present at the meeting. It was decided that as an organization the CRRC would not pursue these changes. There is still an opportunity for the individuals that are interested in these changes to form a committee and pursue them. We always try to focus on the good of the club and to please as many members as possible. It just isn't possible to be all things to all people and I apologize for this.

Well this month's President's letter was rather "administrative" in nature... I am looking forward to some great flying in the coming months. We have a number of superb activities planned – including a two-day hand launch glider contest, family day, the soar in and our RES!

Fly safe and many happy landing,
Andrew

Treasurer's Report

TREASURER'S REPORT

Report Date 3/31/2005

Starting Balance	
02/28/05	
Checking	\$10,468.06
Savings	\$952.89
Cash Box	\$25.00
PayPal Acct	\$375.40
Total Starting	\$11,821.35
Income	
Deposit PayPal receipts into checking	\$409.08
Dues, Mar.	\$750.00
Interest: Savings	\$0.49
Total Income	\$1,159.57
Expenses	
AMA, re-charter fee & insurance -6 fields, #1422	\$390.00
Teamworks, indoor flying, #1423	\$180.00
Bank of America, open CD's, #1424	\$4,500.00
Ken Antonellis, cool tool & Bob Fish plaque, #1425	\$49.88
Account Activity Fees, checking	\$11.00
Account Activity Fees, savings	\$5.00
Total Expenses	\$5,135.88
Ending Balances	
Checking	\$6,496.26
Savings	\$948.38
Cash Box	\$25.00
PayPal Acct	\$149.30
CD Accounts	\$4,500.00
Grand Total	
Ending 03/31/05	\$12,118.94

-Scott Anderson

MARCH GENERAL MEETING NOTES

Secretary's Report:

March 2005 General Meeting

Club President Andrew Johnsen opened the meeting at 7:50PM.

The Secretary's Report and the Treasurer's Report were both approved as written in the January newsletter.

Field Reports

Davis Field – Fritz was out on Sunday, Feb. 12, calm air, 6" of snow.

Bill Martin Field – Key to the gate has been changed to #3. See Ken Antonellis.

Old Business

Membership:

John Nilsson Reports:

- We have 111 renewed members
- 6 new members

Cub Scout Outing scheduled for April 30 is still in the works.

Talk about HLG contest in New York. Still up in the air as to who will see the event.

Tentative plans to have RES contest on July 23.

New Business

- Update March 22 BOD meeting – All future general meetings, please wait for President, Andrew Johnson to arrive before moving tables or chairs around. We do not to jeopardize our good standing with our hosts.

- John Weigel – volunteered to attend the next BOD meeting at the Natick Library.
- Hobby Town in Lexington willing to give a 10% discount to CRRC members. Thanks to Wayne Gunnell.
- Carlton Walker donated sailplane and various books to the library.



David Spielman was awarded the Bob Fish memorial award by Ken Antonellis. The award was presented to David for service to CRRC.

New Pilots

No new pilots this month.

Guests

- Robert Purcell – Northeastern student, starting new plane.
- Andrew Webber – Friend of Robert Purcell.
- Joel Soukup – New member.

Meeting closed at 8:25 p.m.

Winter projects night

Fritz Bein – Thomas –Morse Scout, modified with ailerons, 3 channel 7 ½ oz.

Larry Whitmore – Olympic II, using Pete Young's modifications.

Dave Walter – Mantis "Aegea" 131", Mark Drela tail design, HS-55 servos, Terry Lukenbach fuselage.

Dave Spielman – Laser Arts Majestic – bought at auction; modifications include wingtip extensions and stabilizer lengthened.

Warren Chafe – Little Rascal ARF, from R/C Buyers Warehouse, just install the radio and your ready to fly.

Dick Williamson – Majestic – Mark Drela revised. End grain balsa wrapped kevlar for spars. Bigger spoilers, tapered boom (Rick Walba), bondable tubing for controls. Very light and strong sailplane.

Ed Omiccioli – Member since 1971. ¼ scale Sig kit Spacewalker II, 88", 4 cye. 1.20, Futaba Radio. Beautiful paint job using the Stits painting system. Plane took first place for static scale at the WRAM Show.

Tom Bauer – Dumas Hawker Hurricane – Electric conversion.

Ruane Crummett – Ohio Katana Profile 3D – scratch built, 5 lbs, ultra cote, saito SA-82 4 cye.

John Weigel – Curtis Robin 9 oz. with brushless motor.

Howard Hagger – R/C Drone MIG 27, foam construction, .60 size K&B engine. Found on E-bay. Also had Dragon Fly Plane.

Lou Plavidal SNJ, Nick Zirolti design, built from Model Airplane News Magazine.

Evan Hadingham – Back Yard Flyer design.

WINTER PROJECTS NIGHT

I love meetings like this one. Many of the attendees brought in their winter projects. 17 different models were displayed, all works of art. Each model represented hours of planning, building, covering and preparing for that first flight.

The variety of projects was awesome. We had indoor electrics; WWI and II scale war birds, gliders, 3D stunters, ARFs, and even a foam target drone. Some of the most detailed models were inexpensive kits that were customized, well detailed and finished in actual colors. It proves that you don't have to break the bank to make a great air fleet.

A testament to the craftsmanship of our club members was the 2005 WRAM R/C Jamboree first prize stand off scale winner, won by Eddie Omiccioli. This beautiful plane won for appearance and scale. It's easy to see why.

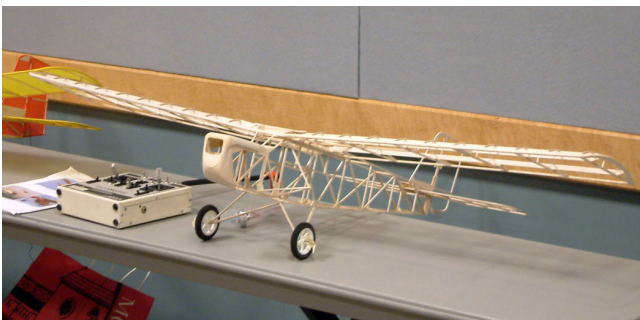
I'll walk you through the model presentations. You'll see some of the finest modeling on the east coast.



Dave Walter's Agea Mantis with cross type tail is ready for servos. Dave shows the 130" span, floor to ceiling.



Fritz is having loads of fun with the Thomas Morse Scout. Fritz discovered that the rotating 5-cylinder engine precesses in scale fashion. Ailerons were added to overcome this.



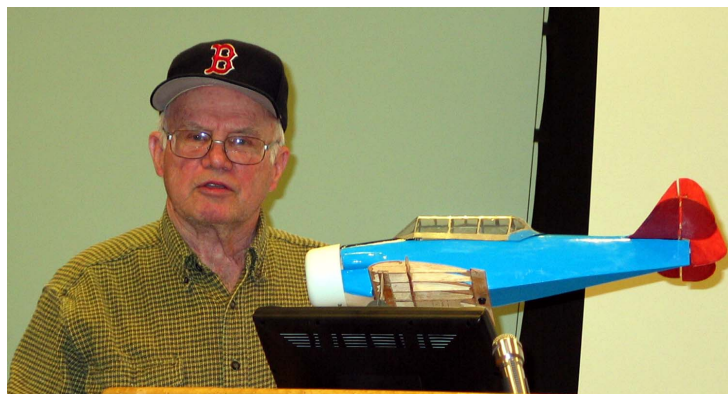
John's second scratch build Curtis Robin is near scale.



John Weigle shows two scratch built scale Curtis Robins. The first profile version was proof of concept. The semi scale version has become a labor of love.



Ruane built this absolutely fabulous Ohio Katana Profile 3D. Workmanship and covering were superb.



Zerolli plans were needed to make this T6 successful. It's important to do good research. Lou Plavidal explains how Model Aviation plans were modified to fit the published pages.



Two indoor fliers, the TIFO and biplane, provide beginner and intermediate flying performance.



Dick Williamson's Majestic is almost ready to cover. This version has all of Mark Drela and Dick's upgrades. Dick discusses the modifications that make his model 15 ounces lighter than the Laser Arts plan. No nose weight is needed. Dick has been working on this plane for two years. It is a superb example of engineering.



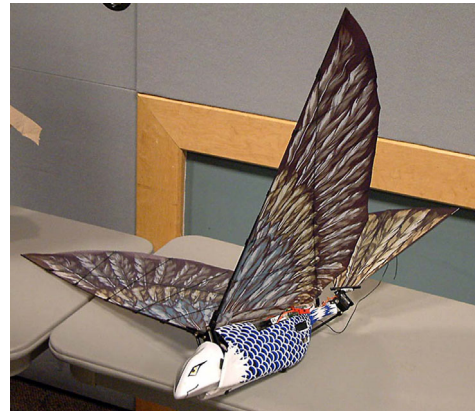
David Spielman's Majestic is covered and ready to trim. This version of the Majestic incorporates some of Mark Drela's recommended modifications. It is a moderate balance of time and performance. 8 ounces of nose weight is needed for proper CG.



Larry Whitmore shows us his work in process. This Olympic II incorporates Pete Young's recommended modifications. It should be ready once the snow melts.



Evan Hadingham shows off his indoor biplane. It's a bit trickier than a trainer.



It's a bird it's a plane. It's both. Onithopter has full control using tail movement.



Howard Hagger shows his Goldberg .60 MIG 27 powered target drone is one of the biggest foamies around. These are available on EBAY for about \$200.



Flapping wings, a rotating tail and decent construction make this Dragon Fly a standout at the field.



Tom Bauer shows the intricate construction of his stick built Dumas Hawker Hurricane. It should be ready to cover soon.



Warren Chaffe says that the hardest part about this Little Rascal ARF was installing the radio. Warren missed the building.



ARFs have come a long way in a few short years. There is some building required to finish this model.



This beautifully constructed ARF allows the modeler with a busy life the ability to own a first class flier.



Hand painted pilots add the detail necessary to make a world-class scale entry. Sharing the fun work with your spouse helps keep your other half supportive of your addiction, I mean hobby.



The WRAM show first place stand off scale cup was awarded to Eddie Omiccioli at this years show.



Two years of planning and building paid off at the WRAM show with this Dumas Hawker Hurricane.



Eddie Omiccioli's kit didn't need any modifications to take first place. Superb workmanship, care in covering and extreme detail were the formula for success.

CONTEST CALENDAR

As a follow up to the discussion at the March CRRC meeting concerning hand launch and RES contests, I checked the ESL contest schedule and talked with Jan Kansky. Jan has volunteered to CD a contest at Davis Field. He will talk with Mark Drela to see if they can share the CD duties. Therefore, the tentative arrangement is to have an ESL-sanctioned HLG contest at Davis Field on the weekend of July 16-17.

If that arrangement stays firm, we have to look for another date for the RES contest. The ESL calendar shows only the AMA NATS occurring on the weekends of July 23-24 and July 30-Aug 1. The next ESL contest is the CRRC Soar-In on August 13-14. With that in mind, I suggest that we hold the RES contest on Saturday, July 30. With this schedule, CRRC will hold three contests with two weeks between contests.

-Dick Williamson

CLUB CHARTER

You will be pleased to know that we have received our 2005 AMA Charter!

I have insurance certificates for the six fields: Davis, Medfield, Callahan, Cow Common, Poor Farm and Team Works.

The certificate for Medfield has been forwarded to Jim McCoy of the Millis Club and he will attach it to the application to the state.

A copy of the certificate for Callahan has been sent to Mass Dept of Conservation with the usual renewal letter.

We also purchased subscriptions to Model Aviation for the Sudbury & Natick libraries.

-John Neilson

ESL HLG CONTESTS

The Eastern Soaring League (The ESL) is proud to announce its new Hand Launch division. The ESL has been around since the mid 1970s promoting and supporting sailplane competition in the East. With the new Hand Launch division the ESL would like to expand its mission to promote growth and contest participation in the eastern United States. People interested in finding out more about the history of the ESL can visit the ESL website:

<http://www.flyesl.com>

Participation in the ESL series offers a number of benefits to pilots. Beginners can improve on their flying skills and more advanced pilots can compete for top-level ranking. Not only does the ESL offer one of the highest levels of competition in the country, but it also brings people together from different areas to a family oriented environment.

The ESL also gives pilots the opportunity to follow their individual performance and improvements via season standings. These are based on the competitor's top five contest results. All ESL contests are based on a two-day contest weekend. Each day is considered an individual contest. By attending three contest weekends,

pilots are able to accumulate enough points to compete for end of season standings. The top five pilots from each class, Sportsman and Expert, receive plaques at the end of the season. This is in addition to individual contest awards.

The ESL supports the unique culture each contest brings to the league. This season the ESL is opening with six contests and we hope to bring at least one more to the northeast next year.

BASS (HLG) - Baltimore, MD
Polecat Challenge (HLG) - Bloersville, PA
CRRC Hand Launch Classic (HLG) - Sudbury, MA
CASA (HLG) - Rockville, MD
SJSF (HLG) - Marlton, NJ
East Coast HLG Festival - ESL HLG EOS - Wilson, NC

**David Spielman for
Jose Bruzual**



SPRING SPORTS SCHEDULES

CRRC has submitted a permit request (along with a check) for Davis Field for nine Sundays starting 4/10. Our permit request is for 11:00 am until 1:00 pm. I have contacted the lacrosse commissioner to discuss if it is realistic for our permit to end at 1:00 pm and a lacrosse game to start at that time. Stay tuned. One or the other group is going to have to shift by one-half hour.

Spring sports schedules for Davis Field are on the web!

Baseball:

<http://www.sudburybaseball.com/>
Click on "Play Times"

Soccer:

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

Lacrosse:

<http://www.sudburylacrosse.com/>
Click on "Master Schedule"

Soccer has games starting at either 12:30 or 2:30 pm on Saturdays. It appears that there will not be games at both times. The spring season ends on Saturday, June 11.

T-ball is scheduled for Davis Field every Saturday this spring. I don't know the times, but I suspect they will be there on Saturday mornings. Between T-ball and soccer, flying at Davis Field on Saturdays is pretty much wiped out until the season ends in early June.

Lacrosse has moved most of its games to the high school field. Hooray! That relieves pressure on Davis Field. Only two games will be played at Davis field. Keep an

eye on the web site. More information will be provided as time goes on.

This is what the Davis Field lacrosse schedule looks like on days important to CRRC.

Wednesdays, 4/13 through 5/25, evening practice at Davis Field
Wednesday, 6/1, evening practice, location TBD

Wednesdays, 6/8 and afterward: nothing scheduled

Saturdays: no lacrosse scheduled, but note the soccer schedule.

Sunday 4/10 and 4/17, 1:00 pm game, location TBD
Sunday 4/24, 2:30 pm game, location TBD

Sunday 5/1 - 5/22, 1:00 pm game, location TBD

Sunday 5/29, nothing scheduled
Sunday 6/5, 1:00 pm game, location TBD

Sunday 6/12 and afterward: nothing scheduled

-Dick Williamson

BILL MARTIN FIELD REPORT

Got my new key the other day, so given the daylight savings time change, I thought I'd take a trip out to Medfield after work.

I got there and saw the road after the gate looked a little underwater. Well it was a lot underwater. After driving through it, I would estimate at least 18-24 inches of water depth. I was worried about floating away at one stage.

Anyway the field was in very good condition with nice grass on the runway. Should be a good season once the water goes away!

The water is receding. By Saturday April 9th there was only half a foot of water, making the road passable.

-Ian Langly

OLD FRIENDS

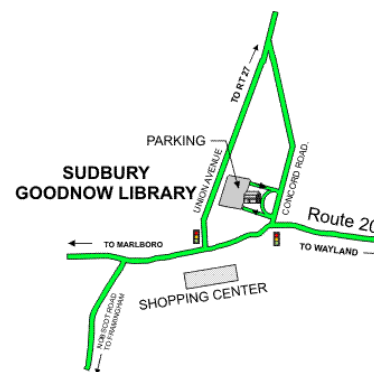


Vincent Massa, ex-CRRCer, who relocated from here to Ventura CA says hello. This is Vince and his Vortex delta.

-Pete Young

APRIL DIRECTOR'S MEETING

The next directors meeting will be, Tuesday, April 26th at 7:30 PM, at the Sudbury Goodnow Library. All club members are invited to attend.



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 TOWN TELEPHONE

POWER:

Chief Instructor:

Ruane Crummett

(Wayland 508-655-2234)

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

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

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]

MEMBERSHIP

Here are the updated CRRC membership figures as of April 10th. The table summarizes the membership status, and compares recent years.

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	129	6	135

—John Nilsson

CRRC YAHOO GROUP

Keep in touch with the latest field conditions and chat with your club friends at our CRRC Yahoo group. Dave Walter is the moderator. <http://groups.yahoo.com/group/crrc/>

SUBMIT YOUR ARTICLE!

If you would like to share your newest build techniques, product review or flying experiences with other club members, provide the newsletter editor with an Email including pictures and text by the first Friday of the month.

Email: newsletter@charlesriverrc.org



THE CHARLES RIVER RADIO CONTROLLERS, INC

2005 MEMBERSHIP APPLICATION

AMA Charter 339

THIS FORM EXPIRES ON MARCH 1ST 2006!

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 to the membership secretary (address below). You can pay by check or use PayPal. (PayPal to membership@charlesriverrc.org)

This completed form may be emailed to membership@charlesriverrc.org following your paypal payment.

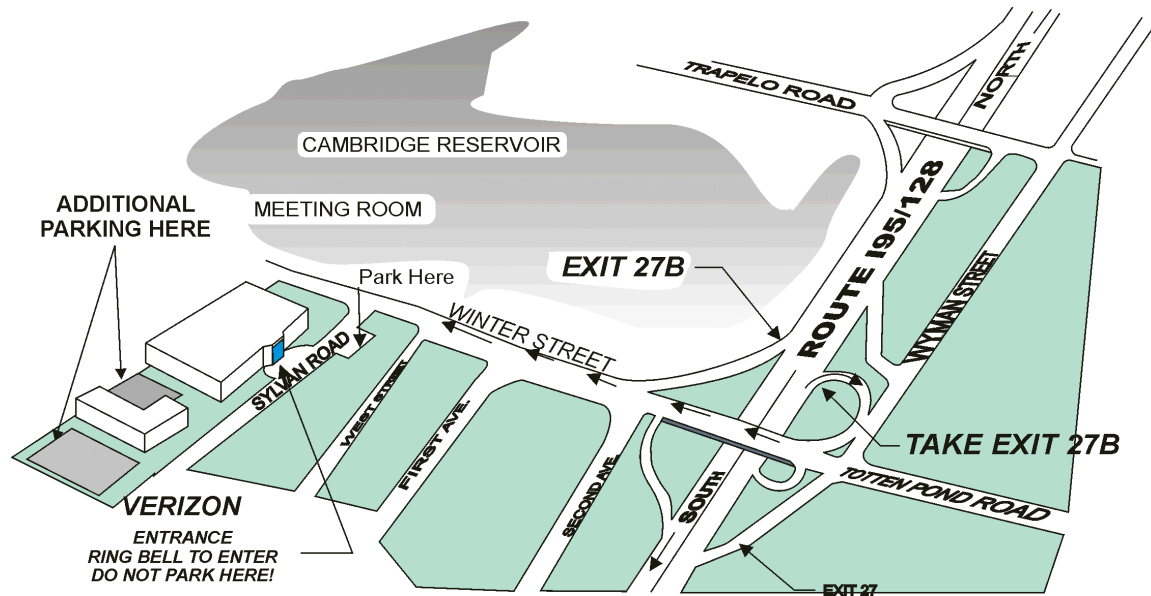
John Nilsson /Secretary CRRC
511B Ridgfield Circle
Clinton, MA 01510
Telephone 978 368-7136
E-mail: photoguy205@comcast.net

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

MEMBERSHIP CATAGORY	Rates starting March 1st
☐ OPEN Member	\$40.00
☐ JUNIOR member, (under 19 before 7-1)	\$25.00
☐ 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

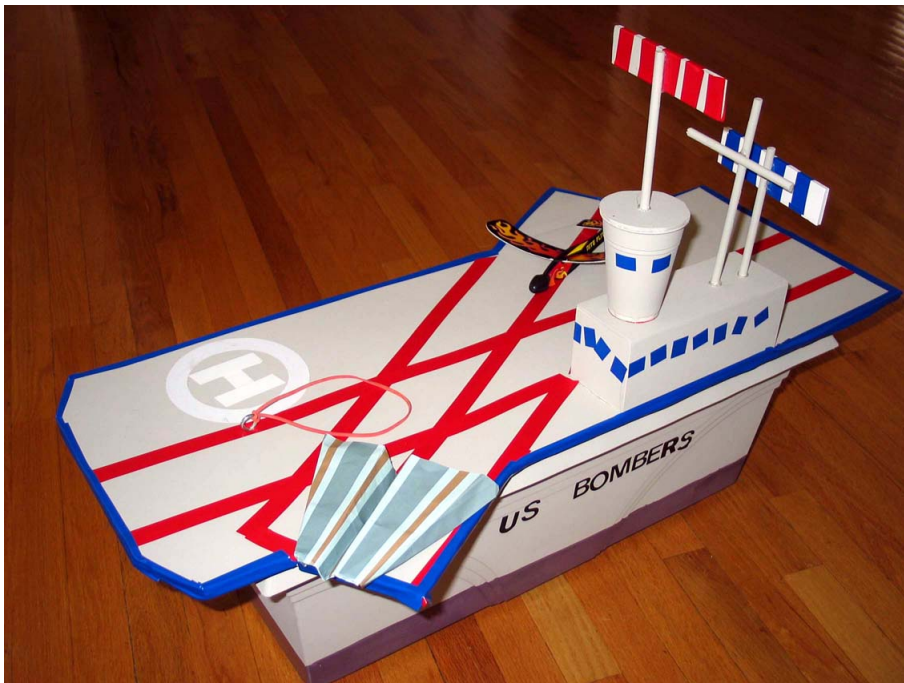
You must be an AMA member in order to receive your CRRC membership card.

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



CRRC CREATIVE KIDS

Sudbury's Loring elementary school Science Expo will be held this April 13th. Several budding young modelers added the finishing touches to the "US Bombers" aircraft carrier outfitted with paper airplanes and an elastic catapult. Construction materials include a window planter, sheet foam board, balsa sheeting, adhesive, latex paint and copious amounts of decorative electrical tape. Builders were Sam, Alex and Ian.



David Spielman / Editor