



AMA CHARTER 339

MARCH 2010

VOLUME 47 NUMBER 03

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GENERAL MEETING

Wednesday

Mar. 17th

7:00 PM

The Club Meeting for this month will be held at **Wellesley College, in the Science Center in, Room 277** (See back for directions). Bring a friend or just come alone.

WINTER PROJECTS NIGHT

We have had plenty of snowy, rainy and windy weather. So the time has come to show off what we have been working on or any of the new planes that have joined our fleet.

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RAFFLE

First Prize

Watt's Up Watt Meter Onyx Black

Measures energy (Wh),
charge (Ah), power (W),
current (A) and voltage (V)



Second Prize

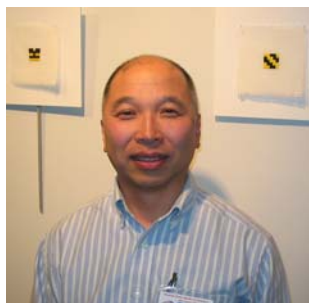
E-Sky Aluminum Carrying Case (EK1-T030)



WON

a
COOL TOOL
for
Show-n-Tell

President's Letter



Winter Projects Night!

Hopefully, everyone else has made much better progress than I have. Even if the projects are not fully completed, bring what you have for our extended show and tell.

I'm looking forward to seeing what everyone has been working on. Remember that we are meeting at Wellesley College this month (and next). Look for directions later in the newsletter.

Davis Field

Our annual Davis Field Cleanup will be on Saturday, April 3rd. Please come out help pick up all the trash. Afterwards, we will be flying. I'll bring bagels, donuts, and coffee!

I got a chance to fly at Davis last week. I didn't fly much at Davis during last summer because of the grass being a bit too tall and thick for my planes' wheels. Because the grass hasn't started growing yet, Davis Field is pretty good for landing with smaller wheels. So get your electrics out there and get some flying in before the grass gets tall and thick.

2010 Schedule of Events

The events and schedule for 2010 have been mostly finalized. All the old events are back, along with a couple of new events. For this spring we have added a 2-day float-fly at Wayland Town Beach, a park flyer challenge contest, and a one design electric glider contest. Should be fun! Tom Stammberger will be adding links on the website to the schedule for the whole year.

Medfield

Just a reminder that Millis club members will be starting on the road repairs and the new shed at Medfield sometime this month. I will get more information from Millis and post on the CRRC Yahoo group.

Please fly safely, and I'll be seeing you at the field!

- John Eppling
CRRC President

Treasurer's Reports

Report Date 03/10/10

Starting Balance 02/01/10

Checking	\$7,612.63
Cash Box	\$25.00
PayPal Acct	\$0.00
CD Accounts	\$6,800.19
Total Starting	\$14,437.82

Income - CDs

Interest	\$6.08
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Income - Checking

Raffle	\$40.00
Dues	\$380.00
Total Income	\$426.08

Expenses - Checking

Sudbury Davis Field Summer Rental #1820	\$600.00
Two 'Model Aviation' library subscriptions #1821	\$32.00
Total Expenses	\$632.00

Ending Balances

Checking	\$7,400.63
Cash Box	\$25.00
PayPal Acct	\$0.00
CD Accounts	\$6,806.27

Grand Total Ending 03/01/10

\$14,231.90

- Richard Roy
Treasurer

UPCOMING CRRC EVENTS

March 23, 2010

CRRC - BOD MEETING

7:30p Goodnow Library, Sudbury, MA

April 3, 2010

Davis Field - Clean up

9:00a Davis Field, Sudbury, MA

April 21, 2010

CRRC - GENEAL CLUB MEETING

7:00p Wellesley College, Wellesley, MA



FEBRUARY GENERAL MEETING MINUTES



General Meeting Minutes for February 17, 2010.

Business Meeting.

Vice President Richard Gammon called the meeting to order at 7:45 PM, at Goodnow Library, Sudbury, MA.



The treasurer's report and secretary's meeting minutes were approved as written in the February newsletter.

Field Reports.

Medfield's Bill Martin Field remains snow covered. Key #15 will be in use starting next week. A number of fliers have visited Davis Field recently, but flights tend to be very short in windy conditions.

Membership Report.

Membership chair Ray Harlan reports our membership roster stands at 56 for 2010.

Board of Directors Volunteer.

Wayne MacKeil volunteered to be the member at large for next week's BOD meeting.

Old Business.

Dick Williamson reported on the fee schedule under negotiation with the Sudbury Park & Recreation department for the use of Davis Field in the summer months. A \$600 fee has already

been negotiated for the spring and fall seasons. Dick will propose a \$600 fee for the summer season as well, and feels confident that this will be accepted. The times will include both Saturdays and Sundays, from 9AM – 3PM, for the full summer season. Dick will also include the July and August "Meeting On The Field" dates. The third Wednesday in June has been reserved by a soccer group, and will not be available for our use. Richard Gammon moved that a \$600 expenditure be approved for the Davis Field reservation for the summer. Tom Bauer seconded the motion, and it was approved by a unanimous vote. Dick will meet with Sudbury P&R and will report back to the membership.

New Business.

The March and April CRRC general meetings will be held at the Wellesley College science building, with Tom Bauer as our host. Directions will be included in the March newsletter.

Tom Stammberger is awaiting a vendor quote for the cost of hats and shirts with the CRRC logo, and will send an email with the details once they have been finalized.

Tom Stammberger presented a schedule for this year's club activities. When the final touches are made, the schedule will be posted on the club website and in the next newsletter. Wayne MacKeil will contact Natick town officials about holding a Float Fly on May 22 at Dug Pond. Wayne will have an answer by next week's BOD meeting.

Dick Williamson announced that he has taken out nomination papers to run for the Sudbury Park and Recreation Commission, and is asking for the support of fellow Sudbury residents. Dick's long-standing efforts on behalf of CRRC to make Davis Field available as an excellent flying site are very much appreciated. Dick has been proactive to ensure that CRRC is a good steward of this valuable resource, and that we cooperatively use the field with other groups.

New Wings.

No new wings tonight.

Guests.

Bob Harris joined us from Maynard this evening. Bob is new to the hobby, and is also a member of the Crow Island Flyers.



The business meeting closed at 8:18 PM.

Raffle Winners.

Wayne MacKeil was the lucky winner of tonight's first raffle prize, an Airtronics RDS8000-FHSS transmitter.



Larry Wetmore went home with a Dremel Tool Accessory Kit as the second prizewinner.



Show And Tell.

Tom Stammberger had a recent purchase for show and tell, an Air Hog Havoc Heli. It was new and still in the box. Tom located an online video from an Italian modeler flying a Wing Dragon with on board video. The video included a pilot who could be seen manipulating the controls as the plane flew though the sky to the tune of Mama Mia.



Ian Langley reported on his adventures with a Multiplex FunJet, a spread spectrum, receiver ready ARF. Ian says the FunJet is tough to launch, but flies nicely and fast.



Richard Gammon continues to make progress on his Citabria ARF. Richard demonstrated his technique for prototyping an engine mount with cardboard, then transferring the measurements to create the plywood finished product. Richard promises the Citabria will be ready to fly soon.



Dick Williamson visited Sterling Airport and had the opportunity to take a flight in a Duo Discus full size glider with pilot Mike at the controls. Dick built a plastic Revell model of the Duo

Discus and displayed it for show and tell. Richard Gammon was also at Sterling doing duty as a tow pilot with an L-19 Bird Dog.



New member Bob Harris brought along a newly acquired Graupner Perfekt T-tail molded sailplane. This was a used sailplane and Bob is looking for information about the ship. The general consensus was that the plane was very heavy.



Dick Roy purchased an EPP foamie from Budget RC and plans to use it for indoor flying. Dick

reports that it's easy to lose visual orientation when flying with this plane.



Ruane Crummett continues to make progress on his Dumas L19 Bird Dog kit. The covering is finished, but Rue warns that the plane is difficult to build and cover.



Dave Rocheschi displayed his Phase II Flying Ring made of Depron and carbon fiber. Dave explains that the ring adds stability at the cost of

increased flying weight. Dave is working on Phase III at home.



Lincoln Ross showed his Pete Young built Flying Wing Glider. Lincoln has not yet flown this glider and is investigating ways to improve stability. Lincoln had another plane for display; a home built Flying Aces Twin rubber powered pusher, based on plans from the 1930s. Lincoln has had a 90-second free flight with this model. Lincoln's third show & tell was a Dodgson Mystro, built by Fritz Bien built around 1976. It needs work, and Lincoln hopes to find someone to rebuild it. Lastly, Lincoln displayed a homebuilt-flying wing that he fabricated in one hour from fan fold foam, available at home supply store.



Ray Harlan's Gentle Lady sailplane is finished and covered. Ray converted the Gentle Lady to electric, and it weighs in at a miserly 22 ounces including the battery.



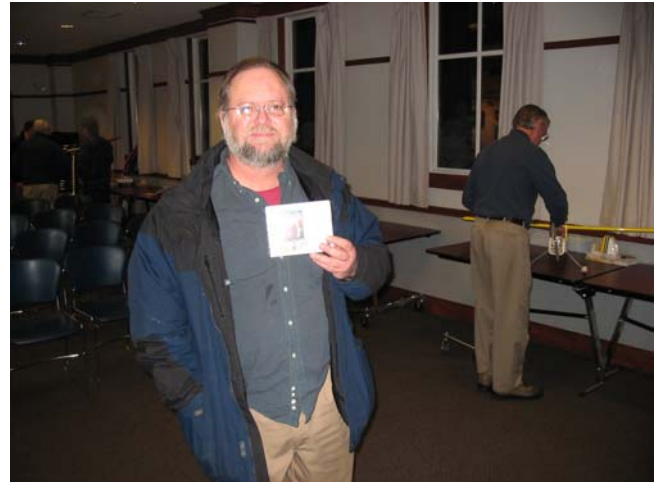
Tom Bauer rebuilt an old favorite of his, a Cessna 180. Tom reduced the flying weight from 54 to 42 ounces by replacing the old speed 600-nicad pack with a brushless lipo power plant. Tom demonstrated a method to create your own monocoat letter and number stencils using MSWord, and a printer.



Warren Chafe had the remains of two very old twin rubber powered pushers he located in an attic. One was a model of the Spirit of St. Louis.



Lincoln Ross was this evening's Cool Tool winner.



Evening Program.

The evening's guest speaker, Istvan Hauer, was unable to join us due to illness. We hope to learn more about Istvan's helicopter project at a future date. In lieu of Istvan's presentation, Richard Gammon presented a short video of a recent flying adventure he and several friends took to the Alton Bay Ice Runway, on New Hampshire's Lake Winnepesaukee.

A large collection of aircraft gathered on a sunny weekend. Alton Bay is sheltered allowing the ice to freeze thick. Richard reports that Flying, Fun, Friends, and Food was the theme for the day.



The meeting closed at 9:38 PM.

- **Larry Wetmore**
Recording Secretary

2010 CRRC Events Calendar

April 2010:

CRRC Parkflyer Challenge Contest

Open to AMA pilots
Sat Apr. 24 - 9:00a - 4:00p
Davis Field, Sudbury, MA

May 2010:

CRRC Spring Float-Fly

Open to AMA pilots
Sat May 22 & Sun May 23 - 9:00a - 3:00p
Lake Cochituate, Wayland, MA

CRRC Family BBQ Fun-Fly

CRRC, Millis & Guests only
Sun May 29 - 10:00a - 3:00p
Bill Martin Field, Medfield, MA

June 2010:

Collings Foundation Open House Demo

CRRC and guests only (*To be confirmed*)
Sat Jun. 19 & Sun Jun. 20 - 9:00a - 4:00p
Collings Foundation, Stow, MA

July 2010:

CRRC 4th of July Electric & Glider Demo

CRRC and guests only
Sun Jul. 04 - 9:00a - 4:00p
Davis Field, Sudbury, MA

Minute Man Airfield Open House Demo

CRRC – Invitation only
Sat Jul. 10 - 9:00a - 4:00p
Minute Man Airfield, Stow, MA

CRRC Handlaunch Classic

Open to AMA pilots
Sat Jul. 17 & Sun Jul. 18 - 9:00a - 4:00p
Davis Field, Sudbury, MA

CRRC RES Contest

Open to AMA pilots
Sat Jul. 31 - 9:00a - 4:00p
Davis Field, Sudbury, MA

August 2010:

CRRC EZ-Glider One Design Contest

Open to AMA pilots
Sun Aug. 01 - 9:00a - 4:00p
Davis Field, Sudbury, MA

CRRC Soar-In

Open to AMA pilots
Sat Aug. 14 & Sun Aug. 15 - 9:00 - 4:00p
Davis Field, Sudbury, MA

CRRC Electric Glider Contest

Open to AMA pilots
Sat Aug. 28 - 9:00a - 4:00p
Davis Field, Sudbury, MA

CRRC Radian One Design Contest

Open to AMA pilots
Sun Aug 29 - 9:00a - 4:00p
Davis Field, Sudbury, MA

September 2010:

CRRC Fall Float-Fly

Open to AMA pilots
September (TBD) - 9:00a - 3:00p
Lake Cochituate, Wayland, MA

October 2010:

CRRC Fall Electric Fun-Fly

CRRC, Millis & Guests only
Sat Oct. 16 - 9:00a - 1:00p
Bill Martin Field, Medfield, MA

November 2010:

CRRC 2010 R/C Auction

Public
November (TBD) - Noon - 5:00p
Natick WFW, Natick, MA

- Thomas Stammberger

Member Profile of the Month: Richard (Dick) Williamson



My interest in aviation probably started when as an eight-year-old I saw a yellow plane with pontoons land on the lake in front of my home deep in the woods of northern Wisconsin.

My uncle, a returning World War II pilot, had just bought a Piper J-3. Trying to earn some money as an instructor, he would fly from lake to lake during the summer giving lessons. In the hops between lakes, I was often a passenger in the rear set.



I became interested in model airplanes but had a hard time because the closest hobby shop was 70 miles away. On rare occasions, my parents would take that trip, do some shopping, and drop me off at the hobby shop where I would delightedly stock up for the year. I built and flew planes entirely on my own.

In the fall of 1957, I traveled out of the woods and went east of Chicago for the first time. I was headed to MIT as a freshman. My association with the Institute (undergrad, graduate student, post-doc, staff member) has been continuous since I first arrived. I have been at MIT Lincoln Laboratory for 40 years, where I now work part time, i.e., mostly retired.



When my son was nine, he bought a foam dime-store plane that he tried to fly. It flew poorly. I felt that I remembered enough about model planes to improve things. I had seen a magazine with advertisements for polyhedral model gliders. Following a picture, we proceeded to slice up and epoxy the wings until the plane resembled the picture. Hand tosses were great so we put a tow hook on the bottom of the fuselage and I towed the plane up out of my son's hands. Flights started to get longer and longer.



One day in 1991, we were flying at a field in Sudbury when this guy comes running out onto

the field and asks, "What channel are you on?" It was Lincoln Ross on his way to the drop zone and he was worried about interference. It soon became apparent that we had no transmitter. Lincoln invited the two of us to follow him to Crow Island where he put his glider up on a high start and later handed me the transmitter. I was hooked.



My son and I always carried a ladder on our car to retrieve our free-flight plane from the inevitable tree. I said to my son that we were getting an RC glider so that we wouldn't have to worry about trees any more.



Little did I know. Shortly after meeting Lincoln, I found myself carting my plane (a 2-m Spirit) to the Drop Zone for some wonderful flights.



Dick receiving the Bob Fish Award from Tony Davids

It was not long before I joined CRRC. A dozen planes and several dozen trees later, I still get a kick out of flying.



Getting a chance to fly in a full scale glider

- Dick Williamson

CRRC BUILDING AND FLIGHT INSTRUCTORS

To start your flight instruction; please call our chief instructor:

Richard (Dick) Williamson
978-618-5475

Dick will match you with one club instructors. Our instructors are qualified and willing AMA pilots and fellow club members.

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 Brian or any of the building instructors.

Name	Town	Phone	Building	Glider	Electric	Fuel	Helicopter
Dick Williamson	Sudbury	978 618-5475	Yes	Yes	Yes		
Fritz Bien	Concord	978 369-1720	Yes	Yes	Yes		
Tom Bauer	Wellesley	781 235-7344	Yes	Yes	Yes		
Brian Rickman	Marlborough	774 249-2494	Yes		Yes		
Derick Veliz	Acton	978 337-7867	Yes		Yes		
John Weigel	Natick	508 655-2138	Yes				
Richard Gammon	West Boylston	508 835-2049	Yes	Yes	Yes	Yes	
Ken Antonellis	Natick	508 653-8369		Yes	Yes	Yes	
Bruce Schneider	Hudson	978 562-9900		Yes	Yes		
Lincoln Ross	Maynard	978 800-0608		Yes	Yes		
John Nilsson	Clinton	978 368-7136		Yes			
Dave Walter	Hudson	978 562-5400		Yes			
Tom Stammberger	Winchester	617 501-7403			Yes		
Jon Leehey	Wayland	508 358-5721				Yes	
Tony Davids	Stow	978 568-9598					Yes

TREE CLIMBERS, KEYS, MEMBERSHIP & BOARD MEETING

TREE CLIMBERS

Lloyd Keyes: [Wayland]
508-358-9197 or 508-341-0110

Paul Harrington [Medfield]
508-376-2573

Monkey Man [Marlboro]
508-215-4290

Scott: 508-203-3845 [Sudbury]

Tony Morais
A1 Tree Services [Framingham]
508-626-0088 or 800-657-7788

Editors Note: If you know of any tree climbers or tree services, please send contact information to the Newsletter Editor

Keys to the Bill Martin Field

To get a Key for Bill Martin Field in Medfield please email Ken Antonellis at [kxa\(at\)verizon.net](mailto:kxa(at)verizon.net). Ken

is the key-master. The key for the 2010 season is key #15. Ken will have exchange keys at the meeting. A \$5 deposit is required the first time you receive a key.

MEMBERSHIP

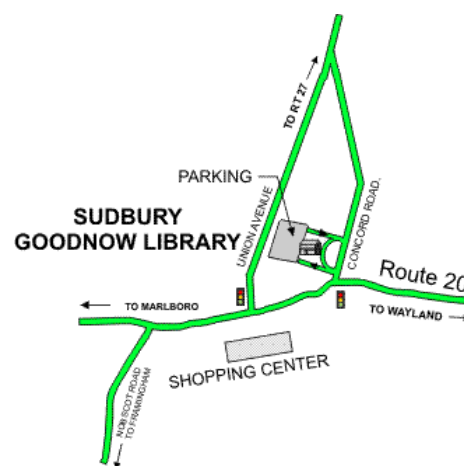
Here are the updated CRRC membership figures. The table summarizes the membership status from 2000 through current month, 2010.

Year	Renewals	New Members	Peak Totals
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	132	32	164
2008	100	23	123
2009	90	28	118
2010	62	-	62

-Ray Harlan
Membership Secretary

THIS MONTH'S DIRECTOR'S MEETING

The next directors meeting will be, Tuesday, March 23th 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

2010 MEMBERSHIP APPLICATION

AMA Charter 339

Name _____ AMA No. _____

Street _____ Birth Date (AMA req'd) _____

Town _____ State _____ Zip _____ Tel. () _____ - _____

E-mail _____

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

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\(at\)charlesriverrc.org](mailto:membership(at)charlesriverrc.org))

Please make check payable to:

Charles River RC

Ray Harlan
Membership Secretary CRRC
15 Happy Hollow Road
Wayland, MA 01778
508-358-4013

E-mail: [membership\(at\)charlesriverrc.org](mailto:membership(at)charlesriverrc.org)

SAVE \$5 - EARLY BIRD DUES RATES ARE LISTED

	MEMBERSHIP CATAGORY	On or before Mar 1, 2010	After Mar 1, 2010
☐	OPEN Member	\$40.00	\$45.00
☐	JUNIOR member, (Under 19 before Jul. 1)	\$10.00	\$10.00
☐	SENIOR member, (If age 60 before Jul. 1)	\$30.00	\$35.00
☐	SENIOR member, (If age 75 before Jul. 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

Please chose from the options below:

- ☐ DO NOT include my personal contact information in the club phone book
- ☐ Send Newsletter via US Mail.

Help reduce operating costs by downloading the newsletter on line. CRRC pays roughly \$20 per year for each mailed newsletter subscription

NOTICE: THIS MONTH CRRC CLUB MEETING

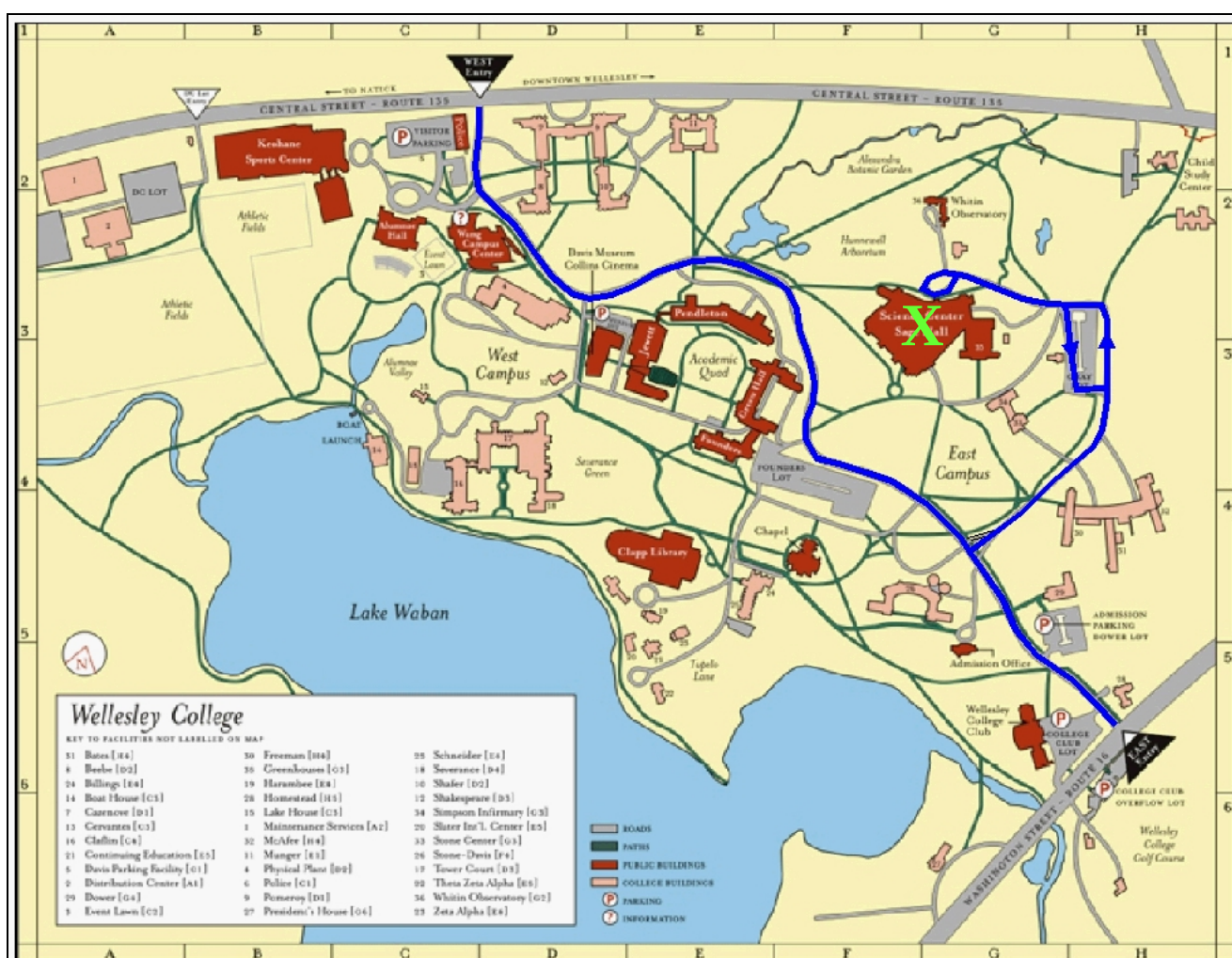
Guests are welcome!

When: **Wednesday March 17th, 2010 (3rd Wednesday)**
Note: Check for the meeting announcement in our monthly Newsletter.

Time: **7:00 p.m.**

Where: **Wellesley College, Science Center, Room 277**

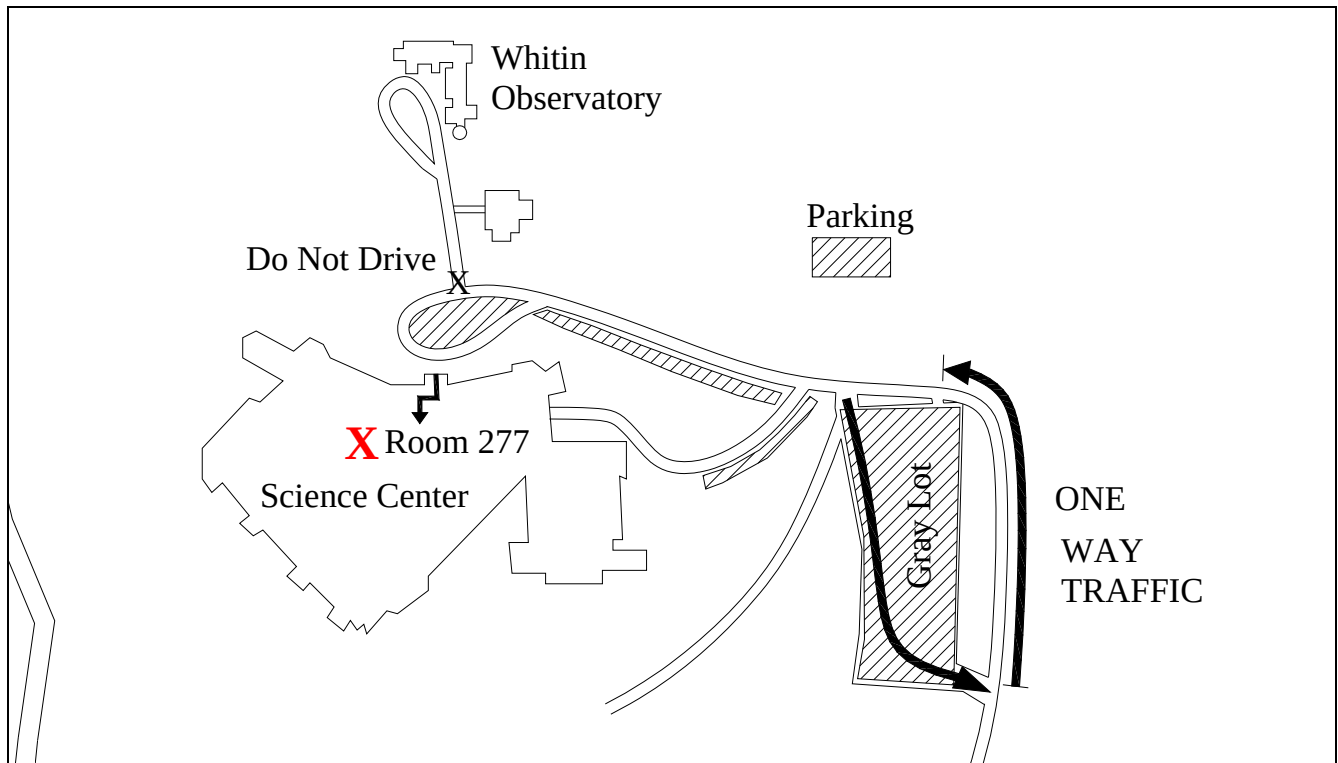
Directions: **Drive to Wellesley College, 106 Central St, Wellesley, MA**
Enter at either Rt. 16 or 135 entrances. Follow path below to Science Center.



More info on next page...

NOTICE: THIS MONTH CRRC CLUB MEETING

Below is a detail map of the Science Center showing the unusual traffic flow around and through Gray Lot. Please don't turn the corner to the observatory entrance as students maybe observing if it is clear out. Park in any of the hatched areas. You may drop off items at the door marked with the Enter Here arrow. The room 277 is across the hall and slightly to your right as you enter.



Thomas Stammberger
Newsletter Editor
Newsletter(at)charlesriverrc.org
(617) 501-7403



CRRC 2010 Electric Parkflyer Challenge

Davis Field, Sudbury, MA

Sunday April 25th, 2010

Flying Noon - 5 p.m. - \$5 landing fee

Challenges:



LOOPS

Most loops in one minute. Timed from takeoff.

BEADS ON A STRING

Most rolls in one straight pass, within two boundaries on the field.

3 MINUTE BLIND FLIGHT

Time starts at takeoff; ends on landing and engine off. Pilot must estimate an elapsed time of three minutes.

DEAD STICK SPOT LANDING

Dead stick closest to a balloon on the field without touching it. Touching balloon disqualifies.



DEAD-STICK LOOPS

35 sec. power on climb from take off, kill engine, and make max. number of loops before landing. Fall-offs count for 1/2 a loop. Score one additional loop for stopping within a 20' x 20' area on the field.

THE BLENDER

Shortest time to take off, do 3 rolls, 3 loops, 3 snap rolls, and 3 spins (in any order), then land. Time starts at take-off end on touch-down.

FAST AND SLOW

Plane flies a straight course twice. First pass is a full throttle. Second pass is flown slowly as possible, maintaining reasonable altitude and course. Attain the largest difference between the two times.



HANDS OFF

Pilot has one minute from takeoff to trim for "hands-free" flight. At the end to the first minute, hands must be behind the back. Achieve the longest time before having to take control of the plane.

LIMBO LOOP

Fly twice under a thirty foot crepe paper ribbon strung between two poles 3 ft. of the ground while performing a loop. Double points for doing it inverted.

MUSICAL AIRPLANES (Old planes recommended)

Planes in the air flying an oval pattern. When the horn blows, all aircraft must land. Last plane down is eliminated. Repeat until last two planes land.

Organizer: Thomas Stammberger e-mail: tstammbe@yahoo.com



CRRC 2010 Spring Float Fly

Wayland Town Beach
Parkland Drive Extension, Wayland, MA

May 22nd & May 23rd, 2010

Flying 9 a.m. to 3 p.m. both days
\$10 landing fee for weekend



CD: Ruane Crummett e-mail: CRRCPPLANES@Netzero.net