Newsletter of the Charles River Radio Controllers, Inc.

CRRC Flight-Log

http://www.charlesriverrc.org

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2009 CRRC OFFICERS

PRESIDENT
John Eppling
781-771-7400
president(at)charlesriverrc.org

VICE –PRESIDENT
Richard Gammon
508-835-2049
Vicepresident(at)charlesriverrc.org

MEMBERSHIP SECRETARY
Ray Harlan
508-358-4013
membership(at)charlesriverrc.org

RECORDING SECRETARY
Larry Wetmore
781-449-5358
secretary(at)charlesriverrc.org

TREASURER
Istvan Sleder
978-369-1976
treasurer(at)charlesriverrc.org

NEWSLETTER EDITOR / WEBMASTER
Thomas Stammberger
617-501-7403
webmaster(at)charlesrivver.org

RAFFLE CHAIRMAN
Tony Davids
978-568-9598
xofficio(at)charlesriverrc.org

SAFETY OFFICER / CHIEF INSTRUCTOR
Brian Rickman
774-249-2494
chiefinstructor(at)charlesriverrc.org

GENERAL MEETING

Wednesday
February 11th
7:30 PM

The Club Meeting will be held at the **Goodnow Library in Sudbury** Bring a friend or just come alone.
(See back for directions).

Guest Speaker: Bob Rullie.

Bob will be sharing with us his experience with turbine powered RC jets. He will demo his new RC pattern jet, a PCM Models, called a Dv8r (deviator). The plane has a gross weight of 32 lbs. and it is powered by a Jet-Cat P120 with a 27 lbs. thrust. – Join us this Wednesday to learn more.

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RAFFLE

First Prize

Freewing F6F Hellcat ARF

Wing Span: 980 mm / 38.6"
Length: 800 mm / 31.5"
Flying Weight: 620 grs / 23 oz
Throttle/Rudder/Elevator/Aileron

Second Prize

Tony's surprise

President's Letter

Six More Weeks

Punxsutawney Phil has predicted six more weeks of winter, and I feel like Bill Murray in "Groundhog Day." It seems like it's the same thing every day, … snow … wind … a little more snow … cold … repeat. I finally gave up and drained all my lipos to half-charge for storage until the weather improves. So what do I do since I don't have a winter project that I am working on? Well, I dream of an electric powered, 103" Extra 330 SC like this prototype:

(Photo courtesy of Ben Fisher at 3D Hobby Shop.)

You can see Scott Stoops flying this at the Arizona Electric Festival last month with a ReaperBrushless GR85cc at vimeo.com/2959517. I spoke with Scott Corriveau from ReaperBrushless, and he said that the GR85cc puts out 10hp (6.5 KW). The motor is 2.8 lbs and has a nominal current of 125 amps and up to 45 lbs of thrust on 12S lipos with 24x10 to 28x10 prop. I think I would have to take out a second mortgage to pay for just one battery pack.

It is pretty amazing to see the giant scale planes and the large electric power systems being used. But, for now, I guess I'll stick with my 40"-51" planes.

Hopefully, the weather will improve before 6 weeks, so I hope to see everyone out at the fields soon

- John Eppling, President

Treasurers Report

Report Date 02/04/09

Starting Balance 01/01/09	
Checking	$6,736.00
Cash Box	$25.00
PayPal Acct	$96.20
CD Accounts	$6,647.22
Total Starting	**$13,504.42**
Income	
Interest - CDs	$16.05
Membership dues	$200.00
Raffle	$140.52
Transfer from Paypal	$96.20
Total Income	**$452.77**
Expenses	
Field maintenance, Check #1580	$675.00
Mailing, Check #1581	$50.40
Meeting Expense, Check #1582	$27.56
AMA Event Expense, Check #1583	$40.00
Total Expenses	**$792.96**
Ending Balances	
Checking	$6,379.76
Cash Box	$25.00
PayPal Acct	$72.22
CD Accounts	$6,663.27
Grand Total Ending 01/31/09	**$13,140.25**

- Istvan Sleder, Treasurer

General Meeting Minutes for January 14, 2009.

Business Meeting

Our new President John Eppling called the meeting to order at 7:46 PM, at Goodnow Library, Sudbury, MA.

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

Field Reports

The New Year's Day Frozen Finger Fun Fly was held at snow covered Davis Field with 7 members participating.

Board of Directors Volunteer

Ruane Crummett volunteered to attend next week's BOD meeting as member at large.

Old Business

Tom Stammberger was applauded for his work creating the new website. Complicating his efforts was the fact that our web host went out of business resulting in the web site going dead, forcing Tom to scramble to find a new service provider.

The Davis Field bulletin board is in need of a fix up. Ken Antonellis offered to do the necessary repairs in the next few months when the weather warms up. Concern was expressed whether we need permission from the Sudbury Park & Recreation Commission to repair the sign. Dick Williamson offered to meet with the newly elected Park & Rec commissioner to introduce us, and alert them to our plan.

John Eppling met with Howard Hager to discuss the Nyanza Superfund site in Ashland as a potential new flying site. John and Howard have not yet been able to contact the landowner to obtain the necessary permission to use the property.

New Business

The dates for the General Meeting have been in a state of flux, but have settled down. Our meeting date will normally be the second Wednesday of the month, and the board of directors meeting will be the following Tuesday. April is the exception. The general meeting will be on the third Wednesday, April 15, with the BOD meeting Tuesday April 21.

Former CRRC member Bob Schneider passed away and a family friend contacted Ray Harlan asking if our members were interested in purchasing Bob's hobby supplies. It was suggested that the supplies could be brought to our meeting site, and members could take what they desired for a nominal fee, as was done last year with the Gates Falabella collection. Ray will follow up.

John Eppling asked if there was interest in indoor flying this winter. Ruanne suggested Natick's Longfellow Sports Club would be a potential candidate site.

Past President Tony Davids had the pleasure of presenting the Bob Fish Award for 2008 to Dick Williamson for his continuing efforts representing our club to the Sudbury Park & Recreation Commission, and keeping Davis Field available as a premier flying site. Dick received the Bob Fish award in 2005, but the Board of Directors felt Dick's efforts were worthy of note again this year. Congratulations Dick.

Dick Williamson reports that he has heard from Framingham's Christa McAuliffe Middle School and they are looking forward to having a repeat visit from CRRC. Ray H. and Dick W. plan to discuss a new design to replace the Delta Dart as a simple to construct plane for the students to build.

Solos
No solos to report this month.

Guests
No guests tonight, except for our guest speaker, Scott Corriveau.

The business meeting was adjourned at 8:13 PM.

Raffle Winners

This month's raffle winners were:

1st Prize: Tom Stammberger
WattAge Cessna 180 RTF

2nd Prize: David Walter
Assortment of CA Adhesives

Show And Tell

Anker Berg-Sonne reported on his Supra Wing process improvements. He is no longer using Krylon paint to finish his wings, and has been using Klass Kote, a 2 Part Epoxy spray paint with superior results. Anker reports that he was obligated to purchase a compressor and spray gun for his shop to apply the new finish. The Krylon paint came off with little provocation, but Klass Kote stays put.

Stephen Young purchased a 2-Meter Electric Sailplane by Graupner at the November CRRC auction. He is slowly getting it assembled. The build instructions are in German, which makes the assembly a little more challenging.

Tony Davids showed off two Christmas presents, an Airtonics RDS8000 FHSS radio, and a BAe Hawk 15 Ducted Fan ARF from E-flite and Horizon Hobby. Tony looks forward to using his new radio with the T-Rex 600 helicopter he shared with us at the December meeting. The 2.4 GHz spread spectrum radio will eliminate any concerns about radio conflicts.

Fritz Bien showed his latest creation, a Fairey Swordfish biplane. The Fiarey Swordfish was a torpedo bomber designed in the 1930's for the Royal Navy. He covered the plane with a combination of Mylar and silk. Fritz's model comes complete with a torpedo that can be dropped under radio control.

Warren Chafe demonstrated his new Air Hog, a recent Wal-Mart purchase. This tiny $20 foamy flying wing comes complete with an infrared remote control and batteries. Warren put on a

great flying demonstration bouncing it off the walls and ceiling without missing a beat.

Tom Stammberger gave a great video tour of the work he has done improving our website. Tom is giving the website a fresh look, while still preserving the excellent written content that has made the CRRC site a well-known stop on the World Wide Web. Tom has made a point of preserving old links from other web sites that point into our site so that this content will not be lost.

Guest Speaker

Electric power systems, more specifically brushless motors coupled with Lithium Polymer batteries, have taken the model aviation world by storm over the past few years. And it's exciting to learn that guest speaker Scott Corriveau, owner of Reaper Brushless, hails from nearby Leomonster, MA.

Scott began his presentation by passing around his GR-85cc, capable of producing 5 kilowatts. It's an impressive piece of engineering, designed to power 45 lb. 3D or 90 lb. sport flyer aircraft. Scott carries a full line of brushless motors from the GR-20 up to the GR-85cc. He has kept his numbering plan simple by using the same naming convention as similarly sized O.S.® glow engines.

Scott began designing motors for disk drives in 1982 for the now defunct Prime Computer. He can design a new variation of an existing product in about a day's time, get an engineering prototype in 3 weeks, and have a production ready model ready in 3 months. Machining and final assembly is done in China, with parts that come from a variety of worldwide suppliers. Scott does the design, engineering, pack, ship, and web site maintenance, assisted by his wife who does the books in addition to another full time job.

Scott was asked if he had difficulty communicating with his Chinese counterparts. He replied that the two engineers he regularly talks with are MIT grads and their English is very good. Scott was particularity proud that his Chinese manufacturing partners treat their employees well, and pay a good wage. This adds an additional cost to his selling price, but is well worth the extra reliability that comes from partnering with a quality vendor. Scott also designs and markets ESCs (electronic speed controls) and selects higher grade, more expensive components than many of his competitors, but again this added cost is repaid in better performance and reliability.

You can find Scott on the web at http://www.ReaperBrushless.com .

The meeting concluded shortly after 10 PM. Given the late hour, the security alarm tripped as we exited the building, and two Sudbury Police cruisers came to see us out the door.

Editor's Note: The librarian had not locked the inside door. It appears that someone came in as we were leaving to drop off a movie and triggered the alarm.

UPCOMING EVENTS

February 14, 2009
495th R/C Squadron, Inc. - 2009 Auction
(See flyer on last page)

February 15, 2009
Lazy Loopers Flying Club - 2009 Auction
http://www.lazyloopers.com

February 17, 2009
CRRC – BOARD MEETING
7:30 p.m. Goodnow Librbary, Sudbury, MA

February 20-22, 2009
WRAM SHOW
Westchester Country Center, White Plains, NY
http://www.wram.org/

- ***Tom Stammberger***
Webmaster

In Memory of Fellow Members

This month and within a very short period of time, we have received the news of the passing of two of our longtime members. Our thoughts and prayers go out to their families and friends.

Les Gerhardt

"I will always picture Les joking around in the woods at the drop zone while we looked for our planes, year after year. And picture him with his eagle head gentle lady. Smooth air, Les"

Jim Reith

"He was just at Davis in December. Always there with a smile and an encouraging word and he could tell jokes worse than mine."

Tom Bauer

"We all will miss him greatly. He was one of the constants of the club that kept giving of his time and talents to everyone. Godspeed Les."

Alan Marshall

"Les was such a fixture at all CRRC events that it is hard to believe we will not see him again. Though I only knew Les from meetings and CRRC contests, I miss miss him greatly. He was a selfless member of our club."

Jon Lahey

"I remember Les as always having an encouraging word for the newer pilots at Davis, always ready to volunteer his time, and his sense of humor. He could always get a smile out of someone who was having a tough day."

Warren Hopkins

"A little known fact is that in college, he was the roommate of another famous Purdue 1949 alumnus, Neil Armstrong."

Fritz Bien

Harvey Thomasian

Young Harvey – Courtesy of Fritz Bien

"Harvey was a long time enthusiast of radio Control and an active member of several area clubs as well as a founding member of the Central Mass Club. He will be sorely missed by many of us."

Ruane Crummett

"Another great person passing away. Harvey sold me my first big four-stroke, a Saito 120."

Anker Berg-Sonne

"Harvey was a pioneer in R/C, a founder of NERCM as well as Central Mass. We'll all really miss him."

Fritz Bien

"Harvey was a fountain of information on everything RC, and IC engines in particular. He helped me out during my early days at CMRCM. A year ago I dropped off a Taylor Power Pacer (a battery cycler for the non-digital inclined) at his home, and he gave me the nickel tour of his basement workshop, which was worth a lot more than a nickel! There was a bunch of history down there."

We have lost two good friends in a week!

Dave Walter

CRRC BUILDING AND FLIGHT INSTRUCTORS

To start your flight instruction; call Brian Rickman, the chief instructor and he 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.

INSTRUCTOR CONTACTS

Chief Instructor:
Brian Rickman
chiefinstructor(at)charlesriverrc.org
774-249-2494

Power planes are flown only at the Bill Martin Flying Field in Medfield.

POWER:

Jeremy Harkin	Waltham	781-894-6683
Jon Leehey	Wayland	508 358 5721

ELECTRICS:

Bruce Schneider	Hudson	978-562-9900
Fritz Bien	Concord	978-369-1720
Lincoln Ross	Waltham	781-891-0332
Dick Williamson	Sudbury	978 443-8549
Tom Bauer	Wellesley	781-235-7344

Sailplanes and Electrics can be flown at the Davis Farm Field on Rte. 117 in Sudbury.

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
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
Derrick Veliz	Acton	978-266-1739
Dick Williamson	Sudbury	978-443-8549
Tom Bauer	Wellesley	781-235-7344

TREE CLIMBERS, KEYS, MEMBERSHIP & BOARD MEETING

TREE CLIMBERS

Paul Harrington *[Medfield]*
508-376-2573

Rusty's Tree Service *[Sudbury]*
978-443-9469

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.. Ken is the key-master. He will send out instructions as soon as he hears from you. A $5 deposit is required the first time you receive a key.

Alex of Alex's RC in Belmont also has keys. Show him a club badge to get the key.

MEMBERSHIP

Here are the updated CRRC membership figures. The table summarizes the membership status from 2000 through current month, 2008.

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	41	3	44

-Ray Harlan

DECEMBER DIRECTORS MEETING

The next directors meeting will be, Tuesday, February 17th 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

2009 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)

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

SAVE $5 - EARLY BIRD DUES RATES ARE LISTED

	MEMBERSHIP CATAGORY	On or before Mar 1, 2009	After Mar 1, 2009
☐	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:

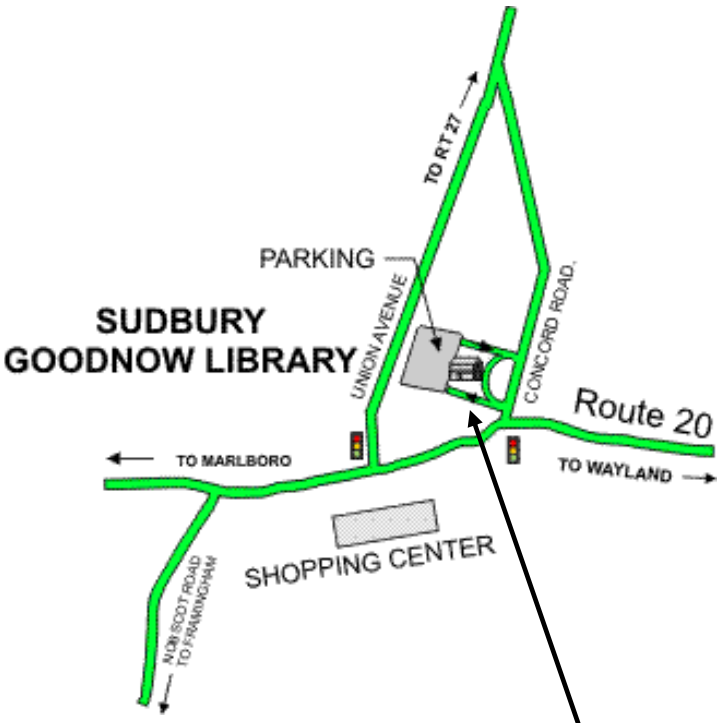
☐ DO NOT include my personal contact information in the club phone book

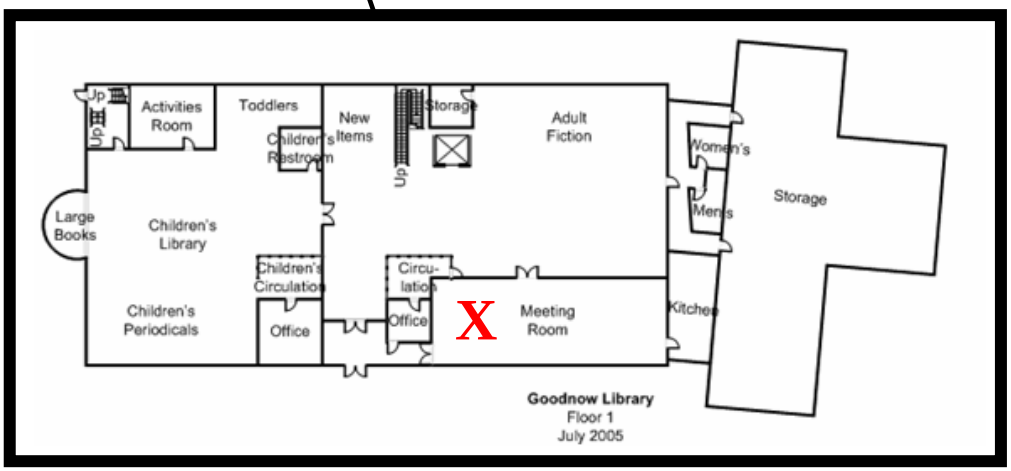
☐ Send Newsletter via US Mail.

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
February 11, 2009 (Second Wednesday)
Guests are welcome!

When: ***2nd Wednesday of the month***
Note: Check for the meeting announcement in our monthly Newsletter.
Time: ***7:30 p.m.***
Where: ***Goodnow Library in Sudbury, MA***
21 Concord Road
Sudbury, MA 01776
Directions: ***0.1 miles on Concord Rd off RT 20 in Sudbury.***





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

495th R/C Squadron, Inc.
31st Annual Auction

Saturday, February 14th, 2009

Congregational Church 10 East Street Tewksbury, MA 01876
(Regular monthly meeting site)

- **Time: Noon to 4:00PM** (Registration starts at 11:00AM).
- Admission: $2.00 at the door.
- 10% of sale price goes to the Club Treasury.
- $25 and under tables (these pieces will not be auctioned)
- R/C Related Sales Only - No Private Sales.
- No Minimum Bid.
- All items sold "as is" - no warranties explicit or implied.
- **Raffle – Great Planes *Escapade* ARF, and E-flite Blade mCX Helicopter.**

The 495th R/C Squadron, Inc. cordially invites you to attend our **31st Annual Club Auction**. Please plan to attend - this is sure to be a memorable day for all!

A lunch consisting of Hot Dogs, Pizza, Chips, and Soda will be available at the auction for a nominal fee.

Info & Directions: www.495thsquadron.org