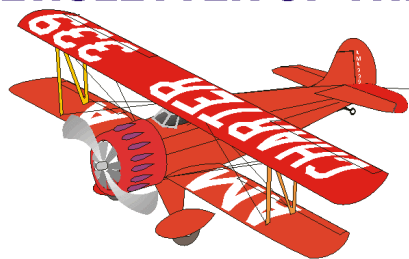


NEWSLETTER OF THE CHARLES RIVER RADIO CONTROLLERS, INC



CRRRC FLIGHT-LOG

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

AMA CHARTER 339

January 2006

VOLUME 43 NUMBER 1

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GENERAL MEETING

Wednesday
January 18th
7: 30 PM

*FLYING AT
THE
NATIONALS
BY DAVE
WALTERS*

Last summer Dave Walters and John Nilsson traveled to the AMA Nationals for a week of flying. Join us for a slide show and tall tails of their adventure.

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JANUARY RAFFLE

First Prize

Cemech Reflex Aerobatic
RC Model 3D Plane



Second Prize

Transmitter Case



and

WON

a
COOL TOOL
for
Show-n-Tell

President's Letter

I want to use my first letter as president to wish everyone a Happy New Year and to thank everyone who volunteered their time to help the club last year.



Consider how successful our club is. We held several contests and fun flies. Our auction continues to be very popular. We have a first class web site and our newsletter continues to be among the best I have seen for any organization. Our meetings are well attended and very informative. We have several fields to fly at, an indoor venue for the winter and great accommodations for our meetings.

We tend to take these things for granted and forget that they do not just happen. It takes a lot of work on the part of club members. To try to name the individuals would be an invitation to leaving someone out, so a big thank you for you're past efforts.

As we look forward to the coming year, I appeal to all to volunteer in some way to help out with an event, contribute to the newsletter or do anything else to help with the club. We will only thrive and grow as a club providing that everyone makes an effort to be an active participant.

I would also like to encourage any members that are not part of the CRRC Yahoo discussion group to join in. I don't think that all members are aware of how to join the group. Directions for joining can be found by clicking on the "CRRC Email List" link on the home page of the CRRC web site. This is a great tool for communicating between meetings. You can get last minute information about changes to events, how-to information and best of all; it gives you a chance to ask questions about all aspects of our hobby.

On a personal note, Santa was very good to me this year. I received a certificate for a one hour flight in the front seat of a T-6 Texan this summer. Full aerobatics and barf bag included. My stomach has been up to the task of many years of sailing, but I am not too sure about that whole third dimension thing. A video of the flight is included so this could get rather embarrassing. Actually, I can't wait. I'll let you know how it went.

See you at the meeting and don't forget the show and tells.

-JP

Treasurers Report

TREASURER'S REPORT

Report Date 1/1/2006

Starting Balance 11/01/05	
Checking	\$4,372.64
Savings	\$912.12
Cash Box	\$25.00
PayPal Acct	\$0.00
CD Accounts	\$4,528.94
Total Starting	\$9,838.70
Income	
Auction '05 entrance, food, raffle & \$20 table receipts	\$359.00
Raffle income, Nov.	\$69.00
Transfer from PayPal account	\$0.00
2006 Dues	\$405.00
Interest - Savings	\$0.00
Total Income	\$833.00
Expenses	
Auction '05 food money	\$66.49
Teamworks, indoor flying, check #1456	\$180.00
Massachusetts annual report fee, check #1457	\$15.00
Goodnow Library, BOD meeting rooms, #1458	\$180.00
Account fee - Savings	\$0.00
Total Expenses	\$441.49
Ending Balances	
Checking	\$4,764.15
Savings	\$912.12
Cash Box	\$25.00
PayPal Acct	\$58.63
CD Accounts	\$4,528.94
Grand Total Ending 12/31/05	\$10,288.84

-Jon Leehey

NOVEMBER GENERAL MEETING NOTES

Secretary's Report: December 2005 General Meeting

Andrew Johnsen opened the meeting at 7:55 PM

The Secretary's Report and the Treasurer's Report were both approved as written in the November 2005 newsletter.

Field Reports:

Davis Field – Thanks to Chris Shuch for plowing the snow off the parking lot at both Davis and Medfield flying fields.

Fritz reports the flying has been good at Davis the last couple of weekends.

Medfield – OK despite the snow.

Old Business

Membership:

John Nilsson Reports: For 2006 membership

- We have 56 renew members
- 1 new member
- Total 57 members

Frozen Finger Fly was held at Medfield on Sunday January 1, 2006. Show up at 9:03 AM promptly.

Auction: 144 items sold. \$7,943 was taken in.

New Business

Dick Williamson was awarded lifetime membership at CRRC for his dedicated service to the club. Congratulations!!!!

Good news for CRRC regarding field use at Davis!!! Due to the increasing population of children in Sudbury, there has been a demand for field use around town. Dick Williamson reported after talking to town officials, a pitch was made to install artificial turf at the new Sudbury High School Football field. Hopefully, if this holds true Davis field will be available on a regular basis for CRRC use.

Raffle

- 1st Prize —Ken Antonellis – CAP 232 EP ARF
- 2nd Prize –Tony Davids- Basket full of Cool Tools

New Pilots

None

Guests

No guests.

Show & Tell

Dave Spielman – Polyurethane coated safety gloves from Magid Glove. Comfortable to wear and silicone free. Great for use in R/C hobbies, as these gloves are cut resistant.



Larry Wetmore – Big Bird XL from Sky Bench. Currently a winter project in progress. Brought in wings and looking for suggestions on spoiler installation.

Tony Davids – P-51 Mustang RTF electric from Park Zone. Brushless motor 1000 mAh. Purchase price \$179.00.

Alan Joffe – Unique, P-51 RTF Mustang trainer from Hobby Lobby. Plane is equipped with extension leading edge spoilers (removable) to help prevent wing tip stalls. Also, equipped with speed brakes located on the main landing gear. Comes complete with Radio and factory settings. Cost you about \$400.



Entertainment of the Night

R/C Flight Simulator Night

Fun was to be had at the December meeting as club members got to try their hand on various R/C Flight computer simulators. Members could experience their flying capabilities on simulators set up for trainers, sailplanes, 3-D stunt planes, helicopters, jets and more. A crash or a bad landing.... no problem as a press of a button would re-start your virtual flying experience!! The Real Flight G3 Simulator from Great Planes was fun, since you could experience helicopter and jet flight. Thanks to Tony Davids, Andrew Johnsen, Jeremy Harkin, Tomer Jackman and Dave Walter for bringing in their computers for everyone to enjoy.



UPCOMING EVENTS



INDOOR FLYING

Indoor flying will be held February 11th and March 11th from 9:00 to midnight. The location will be at Teamworks.



The cost is approximately \$10 per night for flyers. You will have to qualify by flying three circles and three figure eights with your plane before being given permission to fly.

There are field changes for Feb. and March. When you go down the stairs turn to the left field not the right field that we previously used.

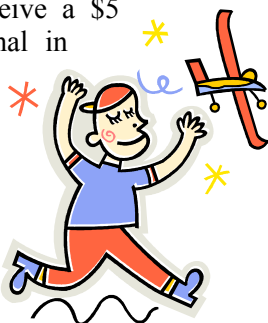
From Boston/East:

Mass Pike (I 90) to I 495 North. Take I 495 to Route 9 West to Westborough/Shrewsbury. Stay on Route 9 for approximately 5 miles. Turn right onto Otis Street at Fountainhead Apartments, TEAMWORKS - 200 yards on right.

-Bruce Schneider

RENEW YOUR 2006 MEMBERSHIP TODAY!

Sign up by March 1st and receive a \$5 discount. Rates return to normal in March. You can now use PayPal when renewing your membership.



THE WRAM SHOW FEBRUARY 24, 25 & 26, 2006



This is one huge aero modeling event where many vendors will be showing off their wares. Once a year, an opportunity to see this show comes along. Carpool and enjoy the company. Westchester Radio Aero Modelers show information can be found at www.wram.org.

5TH ANNUAL CENTRAL NH RADIO CONTROL AUCTION

Saturday, January 21, 2006 Doors open 10:00 A.M. Auction starts at 12:00 P.M. sharp. Location: Bow community center & Fire station Bow, NH

Cash and credit cards accepted.

New this year!!! Buyer pays 10% premium to Club so seller gets 100% of bid (if bid is lower than sellers desired price, the seller may bid and pay 5% to club).

Directions: I-93 North or South to I-89; I-89 North or south to Exit 1; Turn right at stop sign. Go approximately 1 mile. Bow Community Center / Fire station is on the left.

For more info contact:

Dick Smith: 603 224-2078 soozies@comcast.net

Dan Weed: 603-228-3188 weedfamily@comcast.net

POSITIVE NEWS ON FUTURE OF DAVIS FIELD



Things are looking up for the future of flying at Davis Field. I was talking with Sudbury Park & Rec. Director, Dennis Mannone, on another subject when he switched the subject to changes in the plans for future use of recreational fields in Sudbury.

For several years, Davis Field has been heavily used by lacrosse in the spring and by Pop Warner Football from mid-August through October. Because of the press for more field space in Sudbury, plans were formulated for a major restructuring of Davis Field with two artificial turf football fields. Because artificial turf is so resilient as compared to natural grass, more intensive use of Davis Field appeared to be the future. However, several problems have arisen with the plan. Because of nearby wetlands and poor drainage, redoing Davis Field looked to be a major undertaking with only a modest gain in usable field space.

The new plan would appear to benefit CRRC. That plan is to work out a cooperative agreement with the high school to use their fields both for high school activities and for town recreational activities. Key to this plan is an investment by the Town of Sudbury in an upgrade to the existing football field at the high school. Park & Recreation has submitted a proposal to the Community Preservation Committee CPC for the use of Community Preservation Act CPA funds for construction of an artificial turf field. CPC has approved the proposal that now awaits a vote at April's Sudbury Town Meeting for final approval of the use of CPA funds. If approved, funds would be available on July 1, 2006. In that case, Pop Warner would move to the high school fields in 2007.

Pop Warner Football is particularly enthusiastic about this proposal. Until construction began on the new high school a few years ago, Pop Warner practices

and games took place at the high school. Once pushed off the high school fields, use of Davis Field was the best option for Pop Warner. The move was expensive, in part because rental of the lighting equipment at Davis Field runs about \$15K/yr. Because an artificial turf field can be used intensively, future plans are for Pop Warner to return to the high school field where they would rather be. The move would also solve parking limitations at Davis Field, reduce field wear in a major way, and keep vehicles off the field.

If all goes according to plan, Davis Field will revert to the lightly used open field that was the case before high school construction perturbed the system. The only structural change we are likely to see is the erection of a low fence between the parking lot and the field to keep vehicles off the field. There will be gaps in the fence to allow people to walk through. Presumably there will also be a locked gate for occasions when vehicles need access to the field, e.g., mowing, haying, etc.

Once a year, Sudbury Park & Rec. has a meeting with all of the leaders of user groups of recreational areas in Sudbury. I will attend this year's meeting (1/10/06) to represent CRRC. I anticipate that the primary goal of the meeting will be conveying information about Park & Rec. plans and how to line up field time. I will report after the meeting.

I encourage any interested CRRC member (especially Sudbury members) to attend. The meeting will be on Tuesday, January 10, 2006 at 7:00 pm at Park & Rec. headquarters in the Fairbanks Center on Fairbanks Rd., just north of Hudson Rd.

-Dick Williamson

FROZEN FINGER FUN FLY

With a 1 1/2 to 2 inch layer of fresh snow coating the Medfield runway and under calm conditions, quite a few CRRCers ventured out for the annual Frozen Finger Fun Fly on New Year's Day 2006. Although the temperatures were in the low 30s, the flying conditions were excellent with many airplanes using skis quite effectively, creating dramatic effects with fresh snow streaming from the skis during taxiing, takeoffs, and landings.



John Weigel is setting up his Dallaire, a beautifully done old-timer on electric and 14 cells. He replaced an old 4-stroke in it and has been flying it for over 10 years.



Jon is taxiing his Sig Kougat. It did eventually get airborne.

About 15 people showed up for the FFFF: Besides the team of 4, there was Scott, Ian Langley, Chris Schuch, Pete, Paul, Ken, Cathy, Jon, Dennis the plane finder, Ruane, to name a few. We were joined by several folks from the Millis club and overall, it's safe to say that a good time was had by all!

It was a very low-keyed event, Dave with the coffee that soon froze in the cup, and Cathy with the piping hot Hotdogs made the day not seem as cold.



Team of four; Ken, John, Dave and Fritz.



Pete Young in starting position



Ken and Cathy served up delicious hot-dogs from the trunk of her car and grill next to Ken's truck.

Special thanks should go to Ken and Cathy Antonellis for bringing all the cooking equipment and dishing out hot dogs that tasted absolutely wonderful out at the field, and to Dave Walters for bringing hot coffee and donuts.

-Fritz Bien, Scott Anderson, Pete Young

SUPRA 130 WINGS AND FUSELAGE

The following notes are from Phil Barnes and Mike Lachowski regarding Supra production. The Supra is an unlimited class sailplane designed by Mark Drela. It has received a great deal of interest from the soaring community ever since Tom Kiesling waxed everyone at the NATS and F3J trials flying one.

Aegea/Supra wings.

Phil Barnes is getting close to building F3J capable Aegea/Supra wing. He'll be caught up on production work by the beginning of December and should be able to work on orders quite a bit in December and January. Some further testing of the design will be done to finalize the wings. For those that are not aware of the latest news on the wing, you can read about it in the following RCgroups postings. Be sure to read posts 1, 8 & 9.

<http://www.rcgroups.com/forums/showthread.php?t=412772>

<http://www.rcgroups.com/forums/showpost.php?p=4242415&postcount=75>

These postings should bring you up to speed on the Supra models that Phil built and flew last season and entered in the F3J team selection contest. The wings and tails that he'll be selling will be the "Supra130" as described in those postings. The testing that will be done may make some further improvements on that design. Phil may find a way to do the center panel dihedral as on the original Supra. He'll also test some other new refinements to the structural design that may further reduce the weight of the wings.



Mark Drela launches his original Supra

Some of you already have fuselages to mount these wings and tails on. If you don't already have a

fuselage you should seriously consider getting one or two from Mike Lachowski. Phil's two new Supras were built on his fuselages. Look for an upcoming build thread in RCgroups to serve as a guide for others who choose to use Mike's fuselages. Phil Barnes can be reached at philipdbarnes@verizon.net

You might want to start collecting some other things needed to build these models as well. You will need a V-mount for the horizontal full flying stabilizer, available from Bud Elder. elderb13@earthlink.net

The Supra tail boom is not currently available, but both Denny Maize at Polecat Aeroplane Works and Rick Walba at www.Tailboom.com are working on developing a new supplier for them.



Tom Kiesling launching his Supra at the NATS

Michael Lachowski has two fuselage styles that can be used for a Supra. The most popular one is the fuselage pod that Phil is using. It is easy to install the radio and wing mount. Normal lay-up is \$125 each. Mike can do a lighter lay-up with a price of \$140. This saves about a little under an ounce. Pods are fiberglass and carbon fiber. Mike doesn't like cutting Kevlar. The epoxy is MGS.

The second fuselage is a smaller pod. That is the one that Tom Kiesling and Mark Drela have on their Supra's. This one is a little more challenging to build. It is smaller in diameter and has a minimal pylon thickness. This pod is \$135. This pod works fine for flat panels. It would require a little more work if there were dihedral wings.

Shipping is \$8.50 or \$11 for two. Mike accepts paypal and checks. Here is Mike's email address: mikel@eclipse.net

-Compiled by Dave Walters

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 and Safety

Officer: Jeremy Harkin

jeremy_harkin@yahoo.com

(781-894-6683)

POWER:

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

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

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

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]

in Belmont also has keys (have to show him a club badge to get the key). If neither of these pan out then they should be available at the next club meeting.

MEMBERSHIP

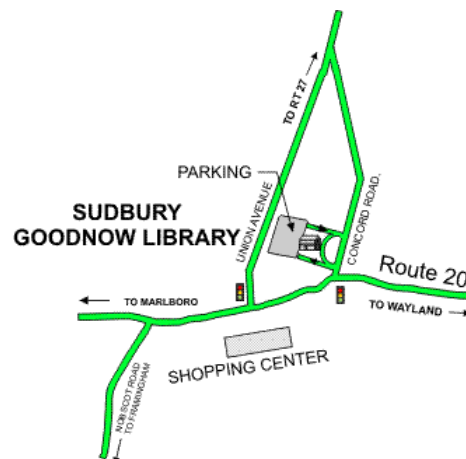
Here are the updated CRRC membership figures for 2005. The table summarizes the membership status for 2005, and compares recent years.

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	144	20	164
2006	58	3	61

—John Nilsson

JANUARY DIRECTORS MEETING

The next directors meeting will be, Tuesday, January 24th at 7:30 PM, at the Sudbury Goodnow Library. This meeting will take place upstairs. All club members are invited to attend.



KEY INSTRUCTIONS

The best way to get a Key to Bill Martin Field in Medfield is to 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



THE CHARLES RIVER RADIO CONTROLLERS, INC

2006 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 _____

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

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

MEMBERSHIP CATAGORY	Rates now until March 1, 2006
☐ OPEN Member	\$35.00
☐ JUNIOR member, (under 19 before 7-1)	\$1.00
☐ SENIOR member, (if age 60 before 7-1)	\$25.00
☐ SENIOR member, (if age 75 before 7-1)	Free if AMA member
☐ Full time STUDENT	\$20.00
☐ Family member additional to OPEN membership	\$20.00

Rates reflect a \$5 early bird discount.

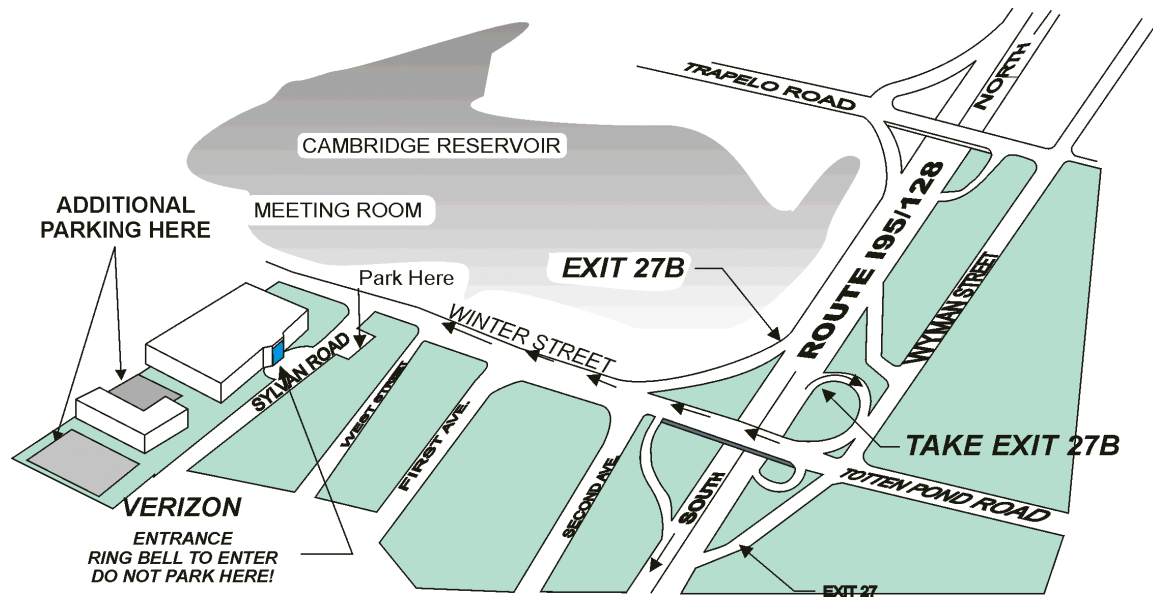
☐ I DO NOT want my address to appear in the club phone book

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

To receive your newsletter by us mail, please contact Tomer Jackman, newsletter circulation 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.

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



The planes of the Frozen Finger Fun Fly



David Spielman / Editor