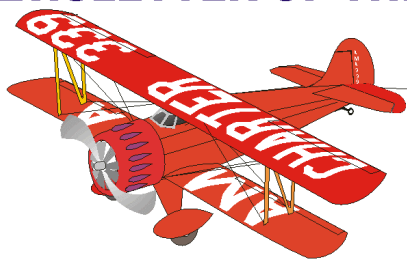


NEWSLETTER OF THE CHARLES RIVER RADIO CONTROLLERS, INC



CRRRC FLIGHT-LOG

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

AMA CHARTER 339

October 2005

VOLUME 42 NUMBER 10

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508 653-3560

webmaster@charlesriverrrc.org

GENERAL MEETING

Wednesday
October 19th
7: 30 PM

Guest Speakers



Mitch's unique Captured Thunderbolt

Jack and Mitch Buckley will be speaking about Top Gun and this year's other competition scale flying experiences.

~And~

Ruane Crummett will give his first impressions of what it was like to fly at his first Top Gun contest.

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October RAFFLE

First Prize

An FMA M-5 receiver, switch harness, and two Hitec hs-81 servos. We will also get a crystal of the lucky winners choice.



Second Prize

Gallon of fuel



and

WON

a COOL TOOL

for Show-n-Tell

President's Letter



A scene from sunnier days.

It appears that summer is over but the flying is still good. OK, it wasn't so good this weekend. As I write this, it is raining. Not just a little. I noticed that all the animals have been lining up in pairs in my backyard.

We did have some fine weather for the Electric Fun Fly. Tom Bauer did a great job. The bratwursts were very tasty! Derick showed me how fast my Quik-E could go. Derick, next time if you could show me the speed to fly before the limits of balsa wood, that would be more helpful. It did make a fine lawn dart in the mud near the river (about 8 inches deep in the mud if you're keeping score). Not to worry, motor and battery are doing fine.

As we move into the fall we are gearing up for our auction. It is scheduled for November 13th. Jean has done a great job this year finding guest speakers and we have some fine ones lined up for the coming months. I understand Ken is pulling out the stops for the raffle prizes too. Don't forget your show and tells.

Safe flying and many happy landings,

-Andrew Johnsen

Treasurers Report

TREASURER'S REPORT

Report Date 9/30/2005

Starting Balance 08/31/05	
Checking	\$2,958.26
Savings	\$925.74
Cash Box	\$25.00
PayPal Acct	\$365.97
CD Accounts	\$4,528.94
Total Starting	\$8,803.91
Income	
Soar-In '05 Event Receipts	\$1,001.50
Interest: Savings	\$0.46
Total Income	\$1,001.96
Expenses	
David Spielman, Soar-In '05 food expense, #1447	\$165.86
Teamworks, Nov. Indoor Flying +\$25 fee, #1448	\$205.00
Paul Bell, HLG '05 ESL sanction fee, #1449	\$44.00
Account fee -Savings	\$5.00
Total Expenses	\$419.86
Ending Balances	
Checking	\$3,544.90
Savings	\$921.20
Cash Box	\$25.00
PayPal Acct	\$365.97
CD Accounts	\$4,528.94
Grand Total Ending 09/30/05	\$9,386.01

-Scott Anderson

SEPTEMBER GENERAL MEETING NOTES

Secretary's Report:

September 19, 2005 General Meeting

Andrew Johnsen opened the meeting at 7:45 p.m.

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

Field Reports:

Davis Field – is in great shape. Look on Sudbury's Pop Warner football website for field availability. Saturday's look ok.

Medfield – Field in good condition. Grass recently cut.

Millis Field – Field is also in good shape.

Old Business

Membership:

- John Nilsson Reports:
We have 141 renew members
New members - 21
Total members - 162
- John Leehy volunteered to attend the next BOD meeting at the Sudbury Library.

New Business

- The fall auction site is the VFW hall in Natick. CRRC has reserved November 13 as the date.
- Our thanks to Jessie Heftner for letting us use the facility at Verizon's for our monthly meetings.

Raffle

First prize went to Lee Arnold – A Great Planes Spirit Glider. Second prize went to Dave Spielman – A multi-tester voltmeter.

New Pilots

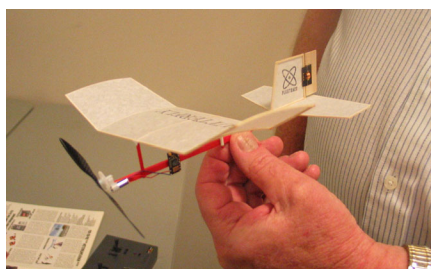
None

Guests

Mike, a friend of John Leehy attended.

Show & Tell

- Ross Kelly – A butterfly. 4 grams, comes complete in a crush proof foam padded box



- Howard Hager – A Gary Guidi a flying boat made from foam, 3-cell LiPo, and 2208 motor. You can purchase them on e-bay.



- Steve Young – Flatana – a foamy 3D profile from Tower Hobbies, 7-½ oz. 370 motor, 3 cell lipo.



- Tony Davids – T Rex Align, 450 XL helicopter, complete with 2100 motor, 3 cell lipo, semi symmetrical blades, belt driven tail rotor, 12 minute flights.



- Al Sharog – Russian trainer, Jet L-159 by K&A Models. Three channel, Contranic 480 motor.



Entertainment of the Night -

MIT graduate student, Luca Bertuccelli gave us an introduction to UAV (Unmanned Autonomous Vehicles) by using R/C airplanes for testing. Luca brought in a ¼ scale Kangke Monocoupe plane that was used for UAV testing. Future goals for this technology could be used for search and rescue and flying into dangerous territory.



Meeting ended at 8:06 p.m.

-Sally Tomburro and Jim Otis

GREAT PUMPKIN FLY

Congratulations to Dave Walter, Bruce Schneider, and Fritz Bien for placing 1-2-3 at the 5th Annual BAF Great Pumpkin Fly on Saturday. Brattleboro's Bob Rondeau and the BAF ran a great event providing great weather, flying and food. I am already looking forward to next year's event.

A good time was had by all. Beautiful fall weather, an easygoing contest, and a tasty barbeque lunch. What more could you ask for? And we were treated to that rare and entertaining RC Soaring spectacle, the Transmitter Launch!

-Warren Hopkins

RAIN, RAIN GO AWAY

For those of you who like reliable weather forecasts to plan your flying weekend, the Internet is a must. I have found that "Air Sports Net Launch Code" has been the most accurate forecast for flying.

<http://usairnet.com/cgi-bin/launch/code.cgi?sta=KBED&model=avn&state=MA&Submit=Get+Forecast>

Forecasts are three to four days out and project wind speed and direction in an easy to read chart.

-David Spielman

INDOOR FLYING

Indoor flying will be held November 12th, December 10th and Jan. 7th, 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.

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



PLANE LOCATOR

CRRC now owns a Walston 48 channel receiver. This enables you to find a lost plane equipped with a Walston transmitter.

Walston's website, shows the systems and prices for transmitters to fit your airplanes.

www.walstonretrieval.com

Fritz has been using the standard transmitter model (MODA 238) for the last 5 years. This transmitter sells at \$135 with \$11 shipping.



When buying the transmitter, be sure to mention that you are a CRRC member. Jim Walston is keeping track of our club channels to avoid duplications. One unit handles your entire fleet.

-David Spielman

SUBMIT YOUR ARTICLE!

If you would like to share your newest building 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

-David Spielman



FIRST FLIGHT



Jon Leehey's Top Flight P47 took to the air this past Sunday. A light overcast and calm air was perfect weather for this beautiful war bird.



Jean-Pierre Riu

Take Off!

Servo jitter experienced during early ground and range testing delayed the first flight. Jon used the Yahoo discussion group to solicit help to resolve this problem. This was definitely a wise decision. Too much work went into this kit to risk radio failure.

You can subscribe to the CRRC yahoo group at <http://groups.yahoo.com/group/crrc/> Dave Walter is the group moderator.



Jean-Pierre Riu

Coming in on final approach.

The plane flew very well with just minor trim adjustments. Field conditions were excellent, with freshly cut grass and the meadows recently harvested.

From these photographs, the detail in Jon's plane make it difficult to tell it from the full scale fighter.



Jean-Pierre Riu

P47 makes a low pass with gear up

Great work Jon!



Jean-Pierre Riu

Jon's smile says it all!

-Jean-Pierre Riu

UPCOMING EVENTS

It's auction season again. Two local auctions sandwich our event. Visit these other auctions and buy at ours.

November 6th South Shore Radio Control Club's Grand Autumn Auction. Doors open at 11:00am. General Public admitted at noon. 50/50 Raffle. Food and beverages available. \$3 admission. 10% seller fee. Vets Club, Route 18, Bridgewater, MA. www.ssrcc.org Auctioneer Leo Coffey 508-746-4128.

November 20th Central Mass R/C Modelers R/C Auction. Doors open at Noon, \$2 admission. Club receives 5% of selling price. Oxford V.F.W hall, Federal Hill Rd., Oxford MA. Information: Russ Miller 508-892-8340

HOW DO YOU LIKE YOUR GLOW PLUG? HOT, MEDIUM OR COLD

Looking for just the right glow plug to enhance your engine operation, but don't know where to look. Well, look no further. This relatively complete list will help you out.

Match a plug type to the fuel of choice, then select the plug that fits your engine, and off you go.

HOT GLOW PLUGS (for low nitro and FAI fuels)

Enya: #3

Fox: Miracle, Standard, and R/C Long (2V)

Fireball: Hot 1.2-3.0V and S-20 R/C Long

FirePower: F6 (warm), F7 (hot)

K&B: 1L

McCoy: MC 55 R/C Long, MC 59, and MC 14 (very hot)

O.S. Engines: #0, #1, #5

Rossi: R1 (extra hot), and R2

Sonic Tronics: Glowdevil #300

Thunderbolt: R/C Long



MEDIUM GLOW PLUGS (for 10%-15% nitro fuels)

Enya: #4 (medium hot), and #5 (medium cold)

Fireball: Standard (1.2-2.0V)

FirePower: F5 (medium), F6 (warm)

Fox: R/C Long (1.2-1.5V, and Gold)

Hangar 9: Sport Long

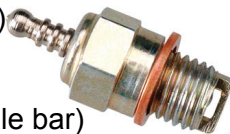
McCoy: MC 50, and MC 8

O.S. Engines: #A3, #8, #9, #7 (w/Idle bar)

Rossi: Medium, and R-3

Sonic Tronics: Glowdevil Standard

Tower Hobbies: Performance plug



COLD GLOW PLUGS (for high nitro; 25% and greater)

Enya: #6 (cold)

Fireball: Cool (1.2-1.5 V)

FirePower: F2 (extra cold), F3 (cold), and F4 (cool)

Fox: R/C 1.2 V, and #8

K&B: Long & Short Hi Perf Nitro Plug

O.S. Engines: R-5)

Rossi: R4 (cold) and R5 (extra cold)



FOUR-STROKE GLOW PLUGS (hot)

Fox: Miracle Plug (often used in 2C's w/low nitro)

McCoy: MC 14 (very hot, often used in inverted 4C's)

O.S. Engines: Type F

SonicTronics: Glowdevil ST 301/302



Information for this list was handed down, originating from Brian Cooper of Cooper Fuels.

- Pete Young

POP WARNER FOOTBALL GAME SCHEDULE



Web Photo

The Sudbury Davis field Pop Warner Football game schedule for fall 2005 has finally been set. Details are at: <http://www.sudburypopwarner.com/> Click on "Game Sch." on the left.

Games at Davis Field will occur:

Saturday, 10/15, 5:30 - 8:30 pm

Sunday, 10/16, 8:00 am - 5:00 pm

Saturday, 10/29, 5:30 pm - 8:30 pm

Sunday, 10/30, 8:00 am - 5:00 pm – Last Game

Except for a possible football walk through on Saturdays, the following weekend days should be open:

Saturday, 10/22

Sunday, 10/23

Saturday, 11/5 until spring

-Dick Williamson

ELECTRIC FUN FLY OCT 1, 2005

Saturday October 1 turned out to be a gorgeous day with light winds around mid-day. CD Tom Bauer showed up at the field about 9AM. John Markinac from the Millis club showed up about 9AM with a beautiful biplane. Attending were Pete Young, some MIT students, Ken Antonellis, Andrew Johnsen, Jean Riu, Dick Williamson, Larry Copeland, Derick and Nancy Veliz. The calm morning air was great for practicing touch and goes along with several practice flights for the MIT trainer. JP brought out a new 3-D electric flyer. After a good morning of flying, Tom started boiling brauts in beer about 11AM. The grill was lit, the brauts thrown on, which resulted in smoke signals being sent to King's Over Look. After no response from the Over Look, lunch was served. Almost 2 dozen brauts were eaten, along with a couple bags of chips, some cookies, and bottles of water & soda. The grilled Bats were enjoyed by all.



After lunch, the bomb drop began. Each competitor was allowed two runs with the closet one to the target winning a two cell LiPo 1250mah battery pack. Competing were Derick Veliz, Andrew Johnson, Tom Bauer, and Ken Antonellis. The bomb was a small bag of rice held on the wing with rubber bands and a Dixie cup glued to a 1/16" x 2" strip of balsa. The drop is made by making a slight dive down and flying away from the rice bag.

Derick almost hit the runway on his first pass and dropped about 30ft from the target. Kenny took off with his electric powered glider and made a drop just off the runway. Andrew, having not seen the previous flights, tried a roll over the target. Unfortunately the bomb wouldn't drop and he ended up in the ground just a little farther away than Derick. Tom tried flying the drop with his small Super Cub, and was just able to get airborne and landed at the end of the runway. This counted as his first run. Switching planes to his Cessna 180, he managed a drop on the runway about 40ft from the target. Derick Veliz is the winner of the 2005 Electric Fly Bomb drop and the proud owner of a new battery pack.



Tom Congratulates Derick for winning the bomb drop

There was a wide range of aircraft at the field including a scale electric war bird, several 3-D flyers, several large trainer style planes, a couple of electric powered gliders, electric Zaggis, some fast hotliners and pylon racers. A few gas-powered aircraft also flew. Unfortunately three aircraft were lost this day. Andy also lost a hotliner style plane that was hit with flutter in a high-speed dive. He was able to recover the plane after a long search next to the river. John Markinac lost his biplane due to a frequency conflict. The person causing the interference graciously compensated John for his loss. Please remember to use the radio impound and flight stations when flying at Medfield.



Derick and Nancy



John Markinac's Gas Powered Biplane

Finally, I declare the 2005 Electric Fun-Fly a great success,

-Tom Bauer

Charles River Radio Controllers, Inc.

R/C HOBBY AUCTION

**12:00 noon, Sunday
November 13, 2005
VFW Hall, Natick, MA**

**Set up and viewing noon to 1:00PM.
Auction 1:00PM to 3:30PM.**

Directions: From Rt.9 and Mass Pike, exit at Speen Street south then east on to rte 135. VFW Hall is on the left about 400 yards along Rt 135.

All modeling items auctioned

Come buy and sell:

**Engines, radios, models, kits, tools
\$1.00 entrance fee includes raffle ticket
for new radio, type to be determined**

(Additional raffle tickets \$1.00 or 3 for \$2.00)
CRRC receives 10% of proceeds from all sales.
Cash only PLEASE! No private sales.

Please see our website for further details:

<http://www.charlesriverrc.org>

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]

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

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

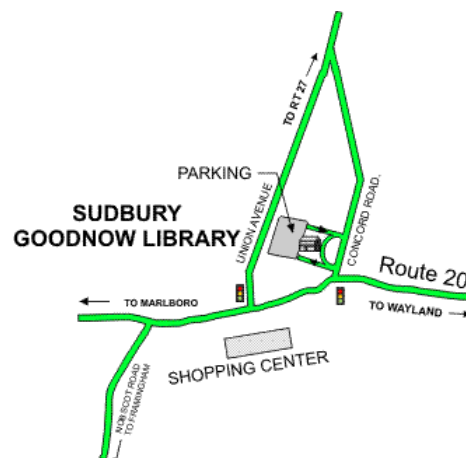
Here are the updated CRRC membership figures as of August 4th. The table summarizes the membership status, and compares recent years.

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	141	22	163

—John Nilsson

OCTOBER DIRECTORS MEETING

The next directors meeting will be, Tuesday, October 25rd at 7:30 PM, at the Sudbury Goodnow Library. All club members are invited to attend.





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 _____

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

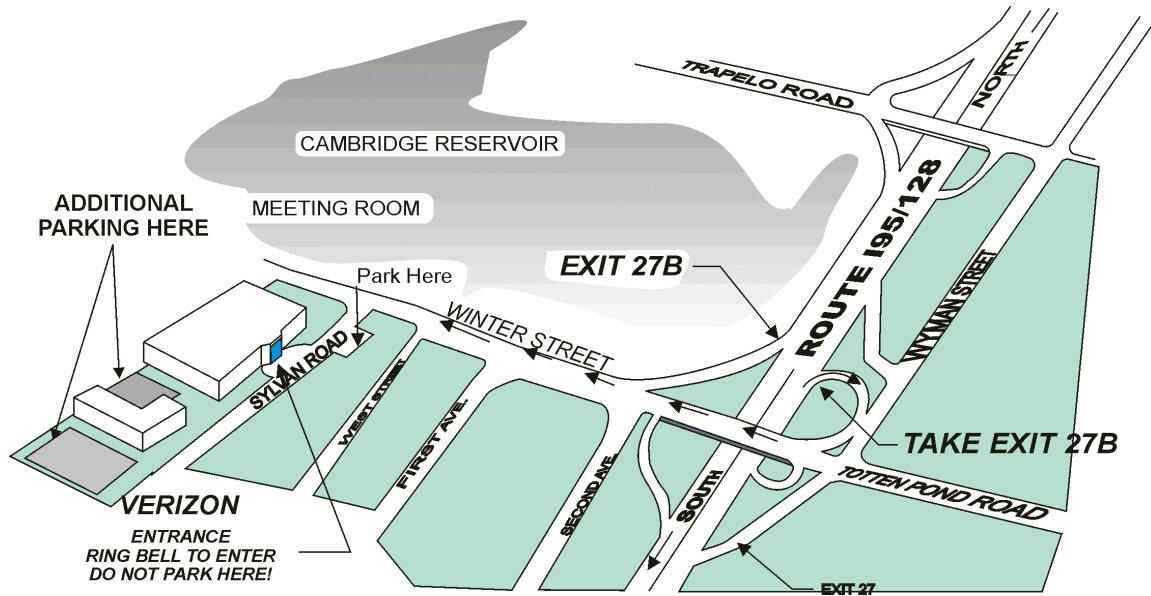
- ☐ I DO NOT want my address to appear in the club phone book

MEMBERSHIP CATAGORY	Rates Change March 1st 2006
☐ OPEN Member	\$40.00
☐ JUNIOR member, (under 19 before 7-1)	\$1.00
☐ 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

Open, senior and student rates will increase by \$5 on March 1, 2006.

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



Luca Bertuccelli discussed autonomous flight with club members during the September meeting.



David Spielman /
Editor