Newsletter of the Charles River Radio Controllers, Inc.



CRRC Flight-Log

http://www.charlesriverrc.org

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GENERAL MEETING

Wednesday
May 18th
7:30 PM

The Club Meeting for this month will be held at the **Goodnow Library in Sudbury.** Bring a friend or just come alone. See directions on the last page.

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RAFFLE

First Prize

Choice of
E-Flite Ultra
Micro 4-Site BNF
Or
Art-Tech J-3 Cub RTF
Or
Venom GPV-1 1:8
Scale RTR RC
Motorcycle

Second Prize

I-Power A7 ARF
Ducted Fan 70mm
Rx-Ready

Upcoming CRRC Events

May 2011:

May General Meeting
May 18 7:30 PM

2011 CRRC
Spring Float Fly
May 21-22 9:00 AM
Wayland town beach.
Don't miss this. Great time last year. See June 2010 newsletter for pictures and details.

Speaker Wayne Knapp

I share a common love of flight with all of you, that began in the 1940 era. My dad took me to airports and a neighbor had a huge free flight engine powered ship that I saw in his back yard in Prospect Park, NJ. I completed a stick and paper model at the age of 8 and at 9 my mom took me to Teterboro Airport where I had my 1st flight in an Aeronca (the pilot asked if I would like to go up, no cost, and I said yes- quite nervous though I might add). I joined a model airplane club in Parkridge NJ, they were mostly into control line flight, but I preferred to try powered free flight models out of the fields of Paramus NJ just before they exploded into housing developments. In 1969 my father in law was taking glider lessons in Wurtsboro NY and I went with him to observe. Took my first lesson there next week and then took lessons there and in Salem NH. Soloed in 26 flights. Went on to become a Commercial Glider Pilot and Certified Flight Instructor in Gliders. One of my fondest memories was a CFIG renewal with a Mr Rudy Opitz who test flew the first rocket powered gliders (Messerschmit ME-163) at Penemunda in Germany- he also flew the Horton flying wing gliders- a real gentleman. I went on to complete glider flights of over 200 miles distance and 20,000 foot altitude wave flight in the Mt Washington area. I competed in several Regional Competitions once completing 5 days out of 5 for a 3rd place out of 20 competitors. There are many much more accomplished pilots than me, then again very few sailplane pilots have raced sailplanes in competition and unfortunately most glider pilots can never break the bond to the home field and thus miss most of the excitement, that is doing cross country flight tasks.

Presentations:
1. Intro to Greater Boston Soaring Club, fees, operations, instruction, and equipment summary. Outlay commitment to potentially solo, and elapsed time. The Juniors Program at GBSC.

2. Types of lift: Thermal (Source on ridge-rock outcrops), Ridge, Sea Breeze Fronts, Wave, and Dynamic. And Model sailplane vs full scale differences w/r/t those lift types.

3. Example cross country experiences and the CONDOR Simulator computer program.

Typical Race Day out of Sugarbush VT and the intervening hills- why computers can fail you!

Wave flight over clouds at Clinton Mass- Gold Badge Altitude -13,000 feet altitude, Tricks to the trade of this type of flight.

Pennsylvania Ridge and the smoke stack- not to mention the OOS free flight $7 model

Bowles Agawam and the Connecticut River Valley sink hole- don't always follow seagulls

4. Ask questions at any time- I will give you my best assessment and you give me yours- we will both come away smarter.

Referenced readings:
1. Joe Lincolns Soaring for Diamonds- fun reading.
2. Gren Seibels Pilots Choice- fun reading
3.Carle Conway The Joy of Soaring- instruction
4. George Moffet Winning -how to save time in XC flights
5. Helmut Reichman Cross County Soaring- theory of XC flight

Membership Report

Ray Harlan reports our membership roster stands at 75

President's Letter



Congratulations to the Winter Projects Night prize winners! I wish I could have been there to see all the projects. Thanks to Sky for filling in for me.

Bill Martin Field Cleanup

By the time I got to the field, all the work had already been done. The field is in great shape, and the finishing touches have been put on the shelter. There is a metal lock box next to the shelter that contains a first aid kit, fire extinguisher, and a portable windsock. There are two locks, one under each front corner of the lid. The locks are recessed and can not be removed from the box. The gate key will operate the locks.

Spring Float-Fly

Kicking off the flying season is our first official flying event, the annual Spring Float-Fly at Wayland Town Beach on Lake Cochituate. It will be held on May 21 and 22. See the announcement later in this newsletter for directions and information. This is a great place for a float-fly, so come out and enjoy.

Safety

Now that the flying season is upon us, I would like to remind everyone to review safety procedures. It seems like it has been a long winter, and forgetting just one thing can ruin your day (like forgetting to take off your prop while adjusting the setup on your electric aircraft – don't ask me how I know).

Enjoy the warmer weather, and I hope to see everyone out at the fields!

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– John Eppling
CRRC President

Treasurer's Reports

April Activity Report Date 05/01/11

Starting Balance 04/01/11	
Checking	$4,989.83
Cash Box	$25.00
PayPal Acct	$362.69
CD Accounts	$6,855.68
Total Starting	**$12,233.20**
Income - CDs	
Interest Apr.	$3.07
Income - Checking	
Membership April	$220.00
April Raffle	$81.00
Total Income	**$301.00**
Expenses - Checking	
Medfield Keys #1872	$31.00
AMA mag library subscriptions#1873	$32.00
Membership overpayment (Jr.) #1874	$35.00
Apr Raffle #1875	$105.00
HLG,RES,ALES sanctions #1876	$60.00
ALES ckts. (mostly a loan) #1877	$603.00
Sudbury Summer Davis Field Permits #1878	$600.00
Total Expenses	**$1,466.00**
Ending Balances	
Checking	$3,824.83
Cash Box	$25.00
PayPal Acct (Includes activity since I started as treasurer)	$810.99
CD Accounts	$6,858.75
Grand Total Ending 04/30/11	**$11,519.57**

– ***Richard Roy, Treasurer***

April General Meeting Minutes

Business Meeting

Vice President Sky Andrew opened the April Business meeting at 7:47 PM at Goodnow Library, Sudbury, MA.

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

Field Reports

Dick Williamson reminds us that Davis Field will be unavailable on Sunday May 22 and June 12 when the Central Mass Rocketeers will be using the field. The Bill Martin Field clean up is scheduled for 9 AM Saturday, April 23, with the following Saturday as a rain date.

Board of Director's Meeting

Next Tuesday's BOD meeting will be held as an online Skype conference. Alan Marshall will join in as member at large.

Old Business

None

New Business

Dick Williamson reports that the Altitude Limited Soaring contest has been scheduled for Saturday, Sept 3, Labor Day Weekend. Dick has 15 ALS circuits on order, with requests for 13 already received. He plans to order 5 more circuits.

The Float Fly will be held on May 21 & 22 at Wayland Town Beach on Lake Cochichuate.

New Wings

No new wings.

Guests

Rick Andrew, Sky's dad, joined us this evening. Also former member Ken DiMuccio has decided to blow a 6-year layer of dust off his planes and rejoin our ranks. Norm Tripp of Andover, and past member needed an airplane fix after a long wet winter. Norm flies electrics and is interested in trying out a glider.

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The business meeting closed at 8:04 PM.

Raffle

Tonight's raffle prizes were a multiple choice collection originating from Tony David's brother's collection. First prize went to Ruane Crummett, selecting a F16 Falcon jet.



Second prize was a Walkera UFO 117, which went to Rob Pease.



Show and Tell

Tonight's meeting was our annual Winter Project's Night. Members voted on their favorite planes for First and Second prize, Member's Choice, and Best Before and After categories.

Ruane Crummett built a Breede kit from the 70's, and transformed it into a floatplane with a bolt on wing. Power will come from an OS 52 engine.



Tony Davids showed us his P51 foamy jet. This plane will carry a brushless outrunner with a four bladed prop. It will also have electric retracts. Second was a Yak 54 from Hobby King. And last, was a Syma S107 Micro Heli that retails for about $28 on the net. Tony gave us a flying demonstration. This heli is controlled by an infrared transmitter and performs very well for such a low price.





Dave Walter dusted off a Skylark ARF that he won as a raffle prize in 2004. Dave put in an Evo 60 engine and hopes to get it airborne in the near future.



I'm sure the towhook goes right about here.

Sky Andrews built a P-40 Warhawk from a TopFlite kit. This was Sky's first kit plane, and he was worried that he bit off more than he could chew, but the results look very fine indeed. With a projected flying weight of 10 pounds, a 20 CC gas engine and pneumatic retracts, Sky needs another 2 to 3 weeks before getting airborne.



Warren Chafe displayed his Widdle Williams 44, a red and black rubber powered flyer. Warren started this scratch build from plans and finished it with tissue and dope.



Warren also showed his Hindenburg model that has been in the works for a while. Warren's fascination with the Hindenburg started when, as a child, he saw the zeppelin flying over his Roslindale home on its last voyage before heading to NY and finally to Lakehurst, NJ where it went up in flames.



David Spielman is almost ready to fly his Bonnie 20, purchased at the club auction this past fall, David is using a 1250 KV brushless outrunner and 45 amp ESC.



Evan Hadingham's Mountain Models DLG 50 is almost ready to go. Evan was pleased with the kit and it's construction. The all up weight is near the ideal of 7.65 ounces.



Dan Sullivan had two lightweight entries. A four ounce "Bug" glider from RC Modeler magazine

designed before the advent of discuss launch, uses a javelin throw method. Dan reports that it flies well. Dan's first foray into slope gliders was a foam-flying wing made from "junk foam material."



Alan Marshall is working on a repair job for one of Anchor's Supra wing tips. The wing tip joiner was ripped out of the structure following a hard landing. Alan is wrapping the joiner rod with Carbon Tow tacked with CA, then embedding the rod in the wing with epoxy and micro balloons.

Dick Roy has built an EVA Bipe from Mountain Models. The EVA has a 31-inch wingspan and will be electric powered. Dick is pleased with the incremental improvements he can see in each kit he builds. He is especially pleased with how well the canopy turned out.



Dick Williamson purchased a Speedee E-Glider from the club auction a few years back. The Speedee looks much the same whether right side up or up side down, so Dick recovered the wing with contrasting colors, white on top, and Navy on the bottom, to aid spatial orientation. Dick says it flies very fast relative to gliders he is more accustomed to fly.



Prizes were awarded as follows:

Best Winter Project, $50 gift certificate to Ashland Hobby Town: Sky Andrew's P-40 Warhawk
Second Best Winter Project, $30 gift certificate: Ruane's Breede Float Plane
Best Before and After, $30 gift certificate: Alan Marshall's Supra Wing Repair
Member's Choice, $20 gift certificate: Warren Chafe's William Riddles 44

The meeting adjourned at 9:34 PM.

Larry Wetmore
Recording Secretary

Addendum:

CRRC 2011
Spring Float Fly

(AMA Membership required)

Wayland Town Beach
Parkland Drive Extension, Wayland, MA

May 21nd & May 22rd, 2011

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



Davis Field Cleanup Day

It started off with John, Dick, Bruce, Ken, Evan, Fritz, and Sky. Some of the usual Sunday crowd came by later. Alan Marshall, Dick and a few others cleaned up the field some on Saturday. There wasn't a lot of trash left on the field. We picked up a lot of cigarette butts near the fence and in the parking lot. I brought donuts and coffee, which Ken and Bruce enjoyed very much. The winds were calm in the morning, but by noon, it was getting gusty. It was sunny and warm the whole morning.















Photos courtesy of John Eppling and Larry Wetmore

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	978 460-0305		Yes	Yes		
Lincoln Ross	Maynard	978 800-0608		Yes	Yes		
John Nilsson	Clinton	978 368-7136		Yes			
Dave Walter	Hudson	978 562-5400		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@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. Keys are also available at Hobbytown in Ashland, MA (Valid CRRC membership required)

MEMBERSHIP

Here are the updated CRRC membership figures. The table summarizes the membership status from 2003 through 2010.

Year	Renewals	New Members	Peak Totals
2005	144	20	164
2006	124	26	150
2007	132	32	164
2008	100	23	123
2009	90	28	118
2010	74	22	96

2011			

-Ray Harlan
Membership Secretary

DIRECTOR'S MEETING

The next directors meeting will be, Tuesday May 24th at 7:30 PM., at the Sudbury Goodnow Library. It will be a Skype telephone meeting.

THE CHARLES RIVER RADIO CONTROLLERS, INC

2011 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@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@charlesriverrc.org

SAVE $5 - EARLY BIRD DUES RATES ARE LISTED

	MEMBERSHIP CATAGORY	On or before Mar 1, 2011	After Mar 1, 2011
☐	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 choose from the options below:

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

Help reduce operating costs by downloading the newsletter from the CRRC website.

☐ I DO NOT have access to a computer or the Internet - Please send me the Newsletter via US Mail.

NOTICE: THIS MONTH CRRC CLUB MEETING
Guests are welcome!

When: ***Wednesday May 18th, 2011 (3nd Wednesday)***
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.***

