CRRC Flight-Log

http://www.charlesriverrc.org

AMA Charter 339

May 2013

Next General Meeting

Wednesday May 15, 2013 7:30PM at the Goodnow Library

Guest Speaker: Bob Naka of NASA and MIT

(see page 8 for more information and directions)



April Club Meeting

General Meeting Minutes for April 17, 2013

Business Meeting: Dave Spielman opened the business meeting at 7:30 PM at the Wellesley Community Center

Meeting minutes and treasurer's report from last month's meeting were approved as written in the March newsletter.

Field Reports:
Medfield: Medfield clean up is scheduled for April 20 (Clean up was held as scheduled and field looks good).
Davis: Davis field should be currently open for flying activities except for Saturday afternoons and the 2 rocket launch days already scheduled.

John Eppling reported that there will be indoor flying at the Auburn Indoor Sports Complex on Friday nights from 7:30 – 11:00 PM.

New Business:
Club approved expenditures of $600 for summer contest and Forth of July exhibitions at Davis field.
Club approved expenditures of $600 for fall flying activities at Davis field.

Guests:
Scott Aness and Mickey Callahan were present as representatives from the Millis club.

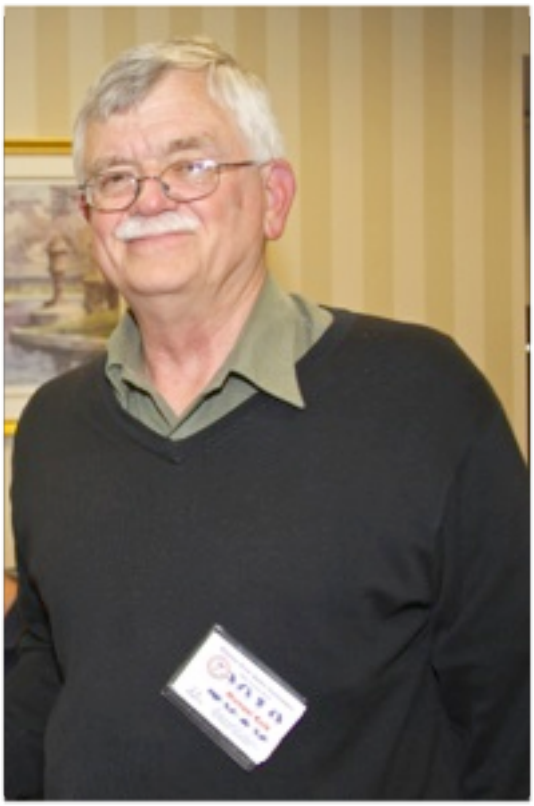
Raffle



First Prize: Bob Sisson
Bumblebee style quadcopter.



Second Prize: Evan Haddington
Float Set

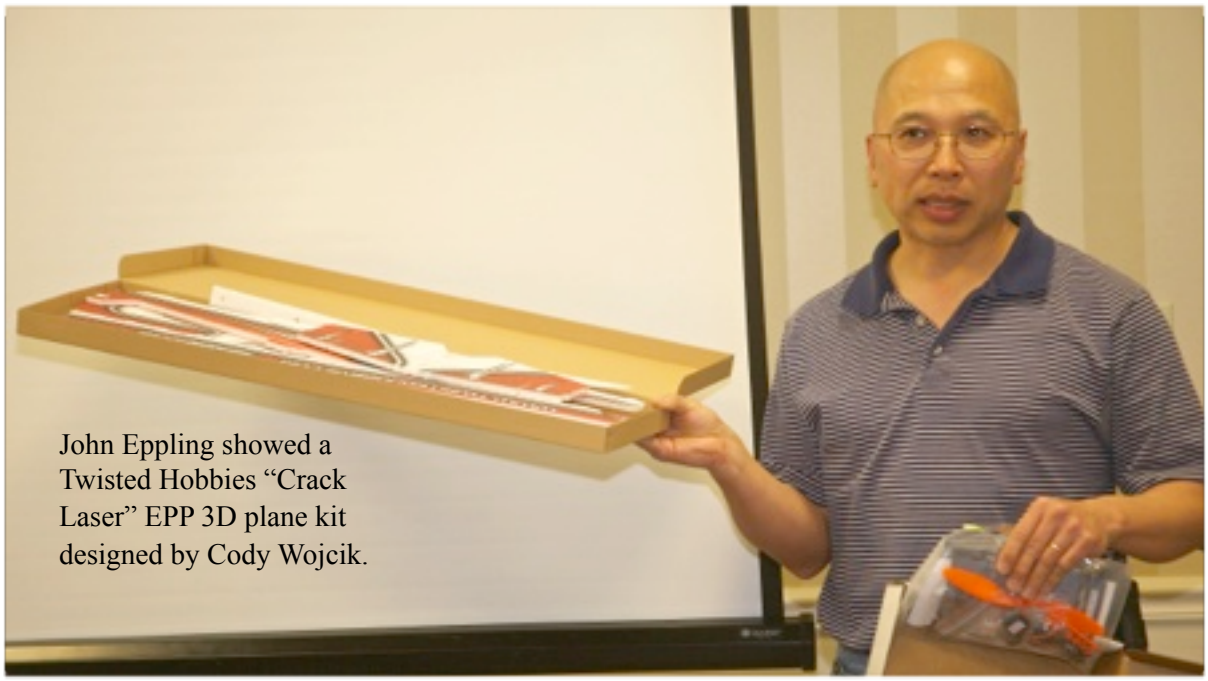


Fourth Prize: Michael Kolk
Plastic parts container



Third Prize: Dick Roy
Plastic parts container

Show and Tell



John Eppling showed a Twisted Hobbies "Crack Laser" EPP 3D plane kit designed by Cody Wojcik.



John Paliefer showed a House of Balsa Chipmunk electric conversion. The model was originally designed for a 0.051 Tee Dee engine and weighs 20 oz.

Speaker

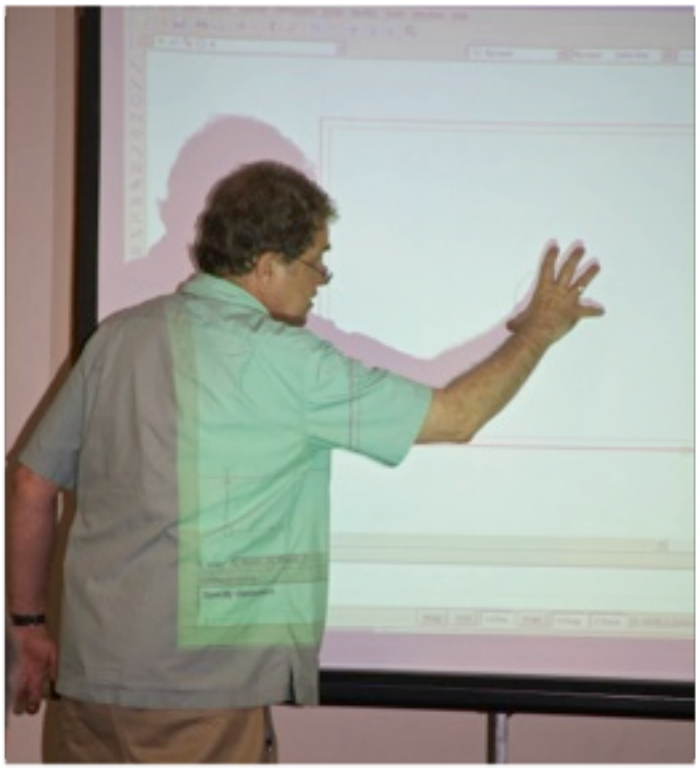




Oliver Porter discussed his program to teach students to fly RC aircraft using a uThere (www.uthere.com) autopilot system to make flying easier for a beginner. The uThere system has gyro and navigation capabilities and is can return the aircraft to level flight if the sticks are released. It can also be configured to fly the aircraft in circles to prevent fly aways and take off and land the model automatically. Using this system students are able to solo after two flights and can fly more advanced aircraft after 12 flights.



Jonathon Shonfeld from Feder Aerospace (www.federaerospace.com) discussed a project to develop an autopilot system that could override pilot commands to prevent fly aways and crashes as well as perform automatic takes offs and landings. They are interested in obtaining input from the RC community on what features would be most useful. Details of the project can be found at rccrashavoidance.blogspot.com.

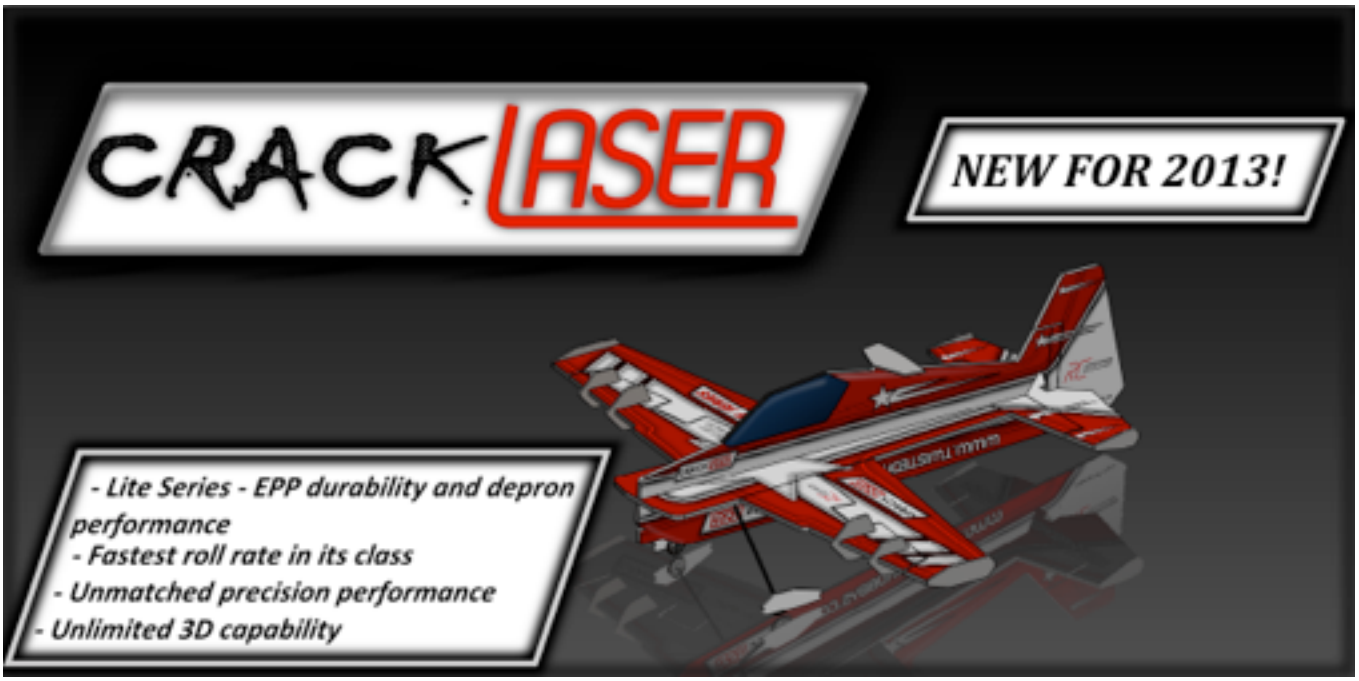


Tom Bauer gave a brief demonstration of the capabilities of DraftSight computer 2D drafting software. The software is available as a free download from Dassault Systems and has similar capabilities as Autocad.

Meeting Minutes submitted by Dan Sullivan



May Raffle



First Prize for the May Raffle will be this 3D model, John Eppling says:

The first prize for the May meeting's raffle is the Twisted Hobbys' Crack Laser. It is designed by Cody Wojcik of New Hampshire. Cody used to fly the giant scale 3D routines for our club the last several years that flew at the Collins Foundation's open house event. Cody did an awesome job with the design on this indoor/outdoor foamy. I have to say that this is the best EPP foamy plane that I have flown. It is super stable in slow flight but extremely capable of the most extreme 3D aerobatics. Here is a Youtube video of Cody flying the Crack Laser: http://www.youtube.com/watch?v=3HLvLHUSrEY

There will be a 2nd,...and maybe 3rd and 4th prizes!!









Build tips here: http://www.3drcforums.com/showthread.php?1367-Twisted-Hobbys-Crack-Laser-with-a-few-new-build-tips



Davis Field in Sudbury is clear of obstructions and ready for glider and electric plane use. We have the site reserved Sundays except for May 19th and June 9th when the rocketeers have planned a get together.

The May meeting promises to be a good one. We're back in the Goodnow library in Sudbury. Neil has invited our guest speaker, Bob Naka from NASA. See the write up on the next page .

President's Message

Change is good, especially when it comes to winter weather. Great weather is upon us! We have waited all winter, for sun, light breezes, and thermals. No more excuse to stay in your workshop, so come out and fly.

The main event this month is the Float Fly on May 18th and 19th at the Wayland Town Beach. This open event it will bring in many local fliers from the CRRC and other clubs. The site has a broad sandy beach with gorgeous views of the open water. Fuel and electric power planes are both welcome. The big requirement, you need floats. Lunch and refreshment will be available for a nominal price. Oh, I almost forgot, there's a raffle too. Rue and Wayne, the event CD's, always have some great prizes. Don't miss the fun flying.

Both of our club fields are in great shape. A new pilots station fence at the Bill Martin Field has made it safer for pilots approaching the flight line. Runway conditions are superb and are ready for your taxiing, take offs, and landings. Remember to wear your CRRC membership card with the solo pilot sticker.

Let's close with a note on safety. Watch out for your fellow fliers. Davis field can be a little confusing when gliders, DLGs and electrics are all at play. Announce your intentions and plan your landing. Knowing your orientation in relation to other fliers will help avoid accidents. If you need a little support, ask for a spotter who can locate planes in relation to yours and avoid those little mishaps that take the fun out of flying.

Thank you and safe flying,
David Spielman

This is the saddest news.

Helmut Lelke, a long time member of CRRC, passed away after a sudden heart attack. Helmut was much loved and respected by everyone. He was a long-time friend, an inspiration, and a supporter of sailplanes. He was one of the joys of radio control. We will miss him dearly.

Guest Speaker

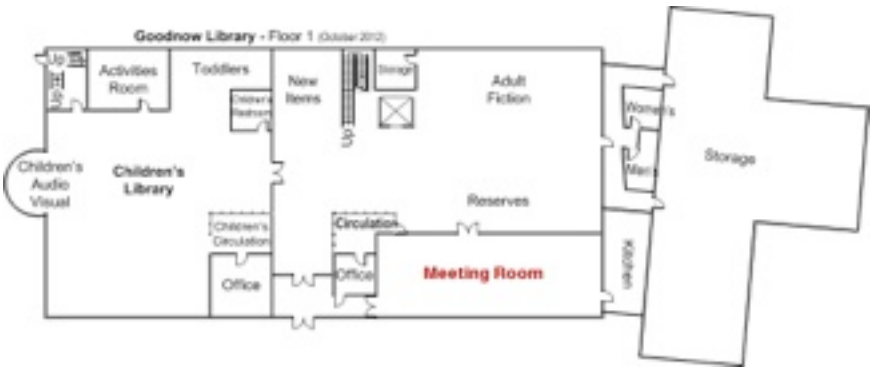


Dr. F. Robert "Bob" Naka was born on 18 July 1923 in San Francisco, California, to Japanese immigrant parents. His undergraduate studies at the University of California, Los Angeles (UCLA) were interrupted in 1942 when he and his family were imprisoned at Manzanar Relocation Center. Through the efforts of the National Japanese American Student Relocation Council, supported by the American Friends Service Committee (Quakers), he gained release after nine months to begin attending college in February 1943. After graduating from the University of Missouri-Columbia in 1945 with a bachelor's degree in electrical engineering, he completed a master's degree in the same field at the University of Minnesota in 1947 and earned a doctorate in electron optics at Harvard University in 1951.

On 1 June 1951, Dr. Naka accepted a position with the Project Lincoln (later Lincoln Laboratory) Presentation Group at Massachusetts Institute of Technology (MIT), where engineers and psychologists were investigating the cybernetic relationship of humans and machines. In attempting to apply aural detection of radar signals to Distant Early Warning (DEW) Line radars, he led a very small group of engineers that invented the first electronic circuit to detect analog radar signals. The circuit replaced the necessity of humans detecting aircraft visually on radar scopes. He also invented the concept of "cumulative probability of detection," which he applied to the beam scan sequence of the large, fixed detection antenna for the Ballistic Missile Early Warning System (BMEWS) to warn of a possible attack from Soviet intercontinental ballistic missiles. He was instrumental in designing the Millstone Hill radar that tracked Sputnik, the world's first artificial satellite, in October 1957. Engineers employed the Millstone UHF transmitter design for BMEWS tracking radars at Thule AB in Greenland, Clear AS in Alaska, and RAF Fylingdales in the United Kingdom.

Dr. Naka's expertise in radar also led to his selection in 1956 to work on design of the U-2 reconnaissance aircraft. He contributed to that effort by determining the radar cross-section of the U-2, figured out how to reduce it, and applied the "solution" to the first aircraft so equipped. As one of the leading pioneers of stealth technology, Dr. Naka later was summoned by Project Oxcart, which spawned the SR-71 Blackbird, to produce a material that could make an airplane "disappear."

Over more than a half-century, Dr. Naka participated on numerous industrial, scientific, and government advisory boards, including the NASA Space Program Advisory Council and the US Air Force Scientific Advisory Board (AFSAB). In the early 199os, he chaired a summer study on "Space-Based Radar" that thoroughly examined use of satellite radar to track aircraft, including stealth aircraft. He also chaired an AFSAB ad hoc committee in 1996-1997 that drafted a significant report on "Space Surveillance, Debris, and Asteroids and Comets." From approximately that time onward, he has served on the Global Positioning System (GPS) Independent Review Team (IRT), whose charter called for in-depth study of GPS-related issues and recommendation of solutions to appropriate military officials. During the first decade of the twenty-first century, Dr. Naka served as one of the original members of the Independent Senior Advisory Group to the AFSPC commander.





CRRC 2013 Spring Float Fly

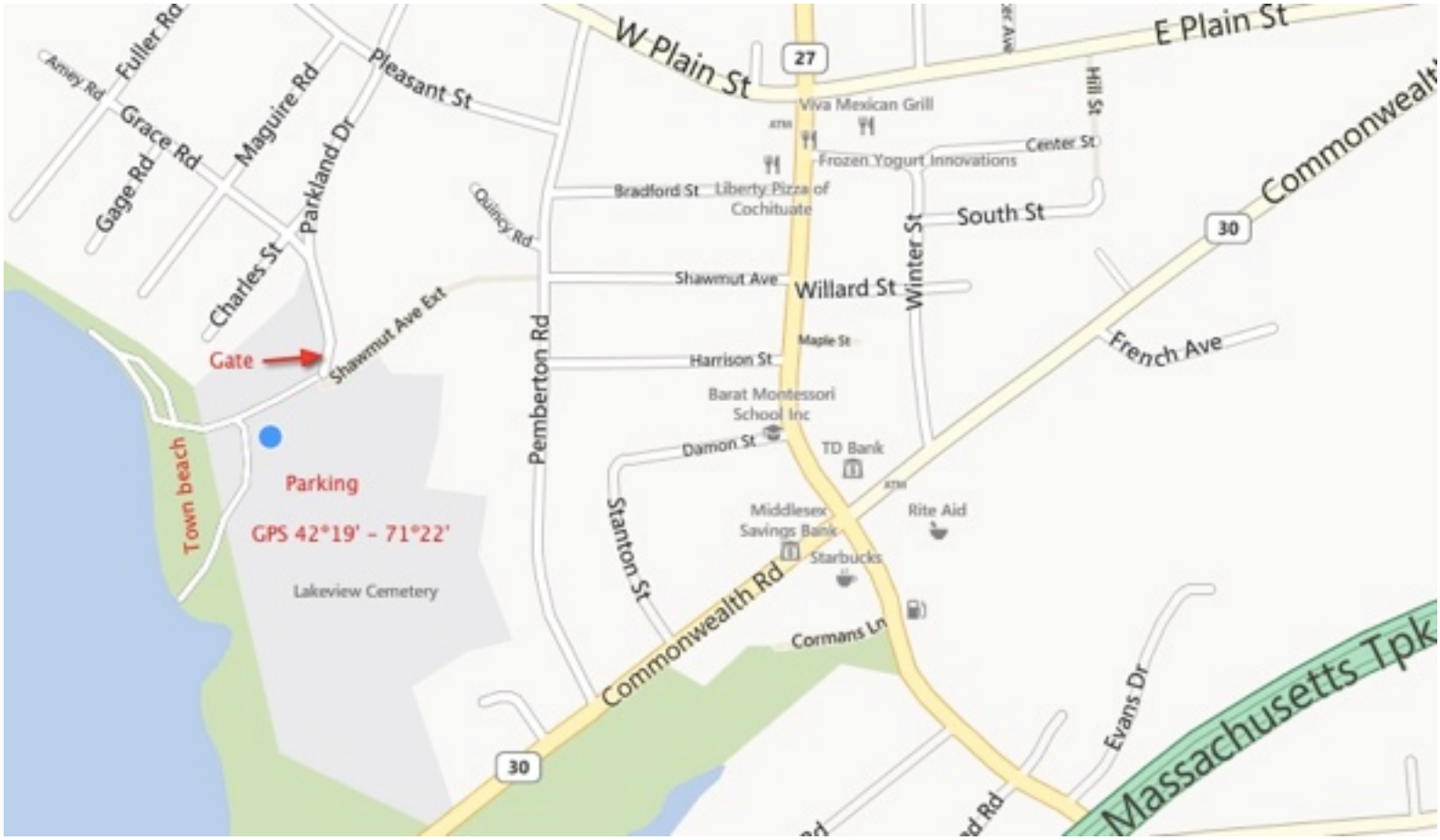
(AMA Membership required)



May 18 and May 19, 2013

Flying 9AM to 4PM both days
$10 landing fee for the weekend

Wayland Town Beach, 25 Parkland Drive, Wayland MA



Float Fly Scenes from 2011 and 2012











Southeastern Massachusetts

Multi-Club Fly-In 2013

Open for Flying, and more Flying

Fly Somewhere Different

Sponsored by the Wingbusters Model Airplane Club

Halifax, MA

Sunday, June 2, 2013 8:00AM to 3:00PM

(no rain date)

Music and 50/50 Raffle

Registration begins at 8:00AM. No Landing Fee!

Spend the day just flying with your RC neighbors.
Show off your latest plane, heli, or glider.
Talk about new ideas and new techniques!

Directions:

- For GPS, use 93 River Street, Halifax
- From Route 106, take Route 105 in Halifax. Go about 2-1/2 miles, pass into Middleboro, then turn Left on River Street
- From Route 44, take Route 105 towards Halifax. Just before crossing into Halifax, look for River Street on your Right.

For more Information, contact Bob Mandeville at n1edm@comcast.net or Cecil Horton at cbh10@verizon.net

Visit us on our website at www.wingbusters.org

Rudder- Elevator-Spoiler and 2 Meter Sailplane Contest

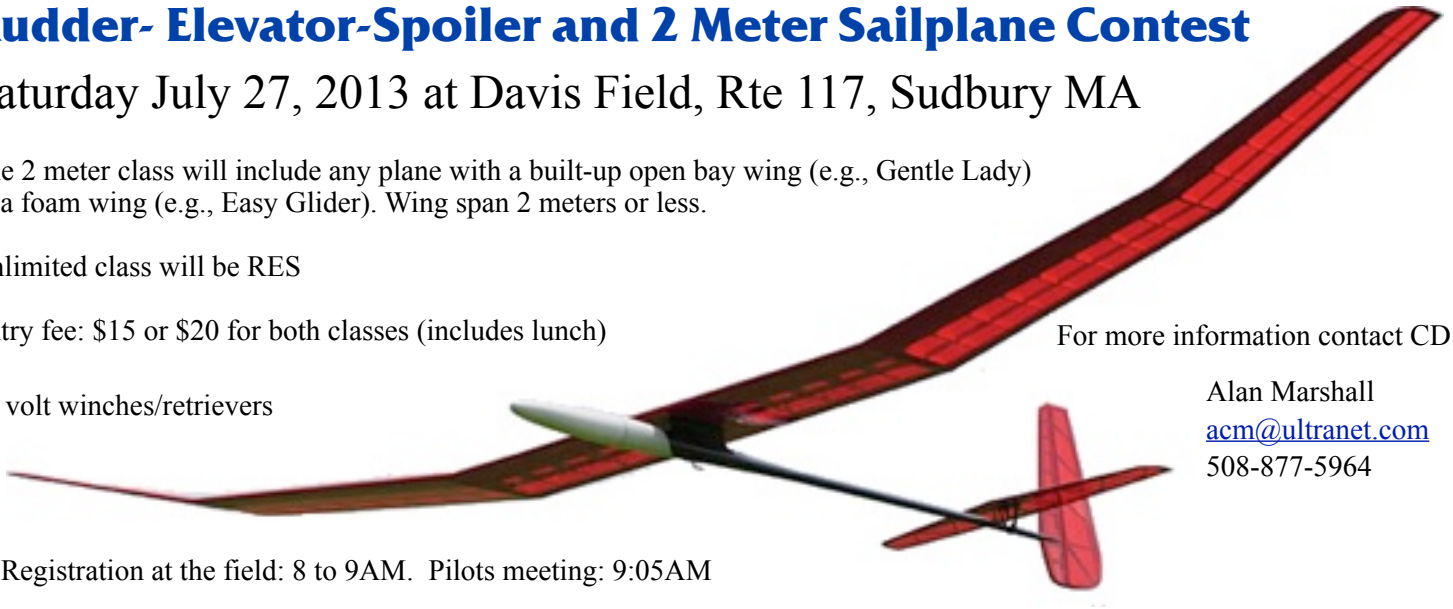
Saturday July 27, 2013 at Davis Field, Rte 117, Sudbury MA

The 2 meter class will include any plane with a built-up open bay wing (e.g., Gentle Lady) or a foam wing (e.g., Easy Glider). Wing span 2 meters or less.

Unlimited class will be RES

Entry fee: $15 or $20 for both classes (includes lunch)

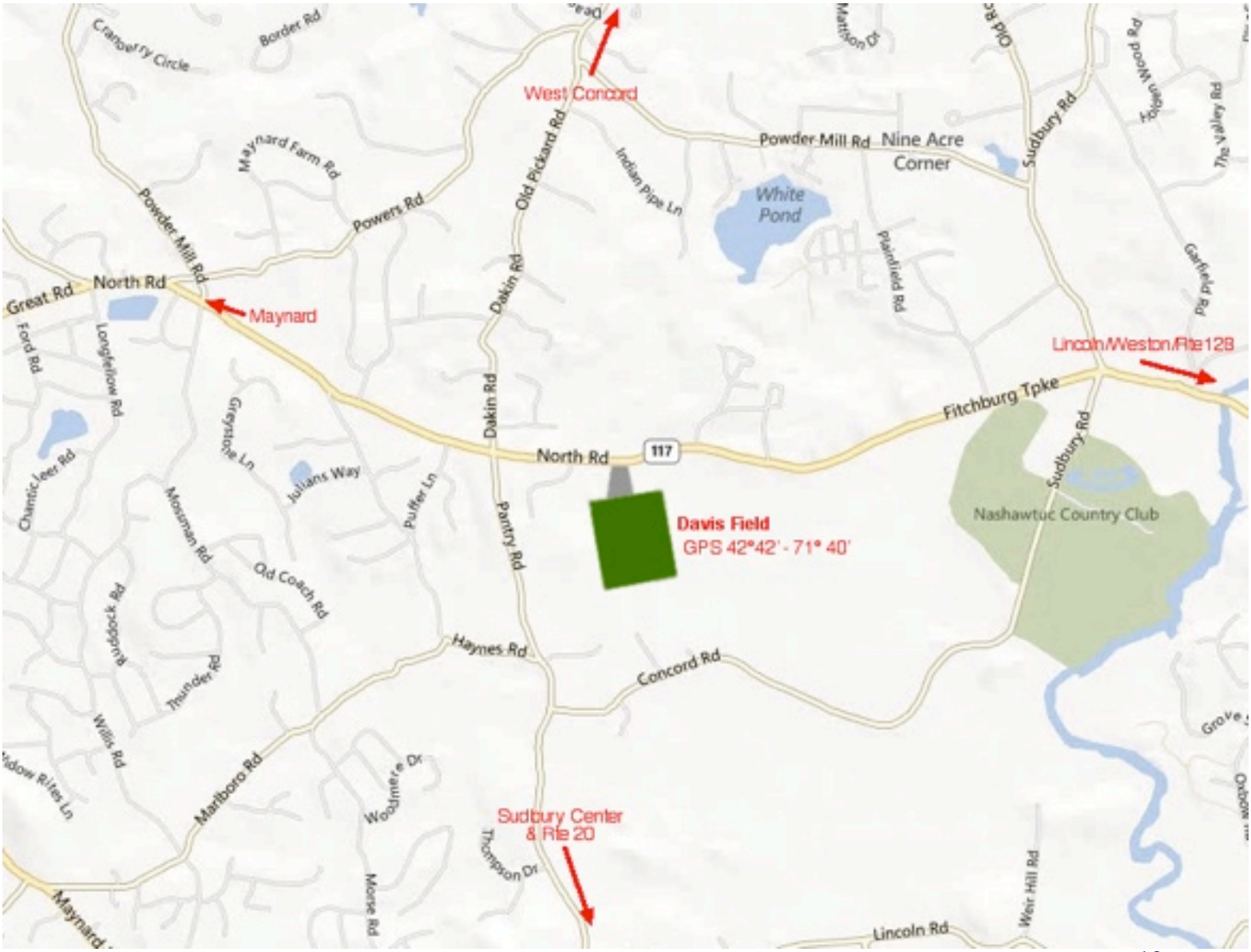
12 volt winches/retrievers



For more information contact CD:

Alan Marshall
acm@ultranet.com
508-877-5964

Registration at the field: 8 to 9AM. Pilots meeting: 9:05AM



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Raffle Chairman
John Epping
xofficio@charlesriverrc.org

Treasurers Report
April Activity

Starting Balances	
Checking	6,666.19
Cash Box	25.00
PayPal Account	517.62
CD Accounts	6908.17
Total Starting Balance	**14,116.98**
Income CDs	
Interest	1.38
Total Interest	**1.38**
Income Checking	
Membership	45.00
Raffle	
Auction	
Total Income	**45.00**
PayPal Activity	
Membership	90.00
Less PayPal Fee	-3.22
Total PayPal Activity	**86.78**
Expenses Checking	
Town of Sudbury - Davis Field	600.00
Raffle Prizes - Tony Davids	390.00
Supplies - David Spielman	19.32
Wellesley Community Center	50.00
Total Checking Expense	**1,059.32**
Ending Balances	
Checking	5,651.87
Cash Box	25.00
PayPal Account	604.40
CD Accounts	6,909.55
Grand Total	**$13,190.82**

David Marshall, CRRC Treasurer

Calendar

May 15, 2013
General Meeting at Goodnow

May 18 & 19, 2013
Spring Float Fly
Wayland Town Beach

June 19, 2013
General Meeting at Davis

July 4, 2013
CRRC Flying Demo at Davis

July 6 & 7, 2013
Hand Launch Classic at Davis

July 17, 2013
General Meeting at Davis

July 27, 2013
RES Glider Contest
2 Meter & Unlimited at Davis

August 10 & 11, 2013
Soar in ESL Contest at Davis

August 21, 2013
General Meeting at Davis

August 31, 2013
ALES Contest at Davis

September 18, 2013
General Meeting at Goodnow

September 21 & 22, 2013
Float Fly
Wayland Town Beach

October 5, 2013
Electric Combat at Davis

October 16, 2013
General Meeting at Goodnow

General Information

Indoor Flying at the Auburn SportsPlex

Every Friday from 10A to 2P
$10 per pilot, spectators free

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 2012 season is key #27. Ken may have keys at the meeting. A $5 deposit is required the first time you receive a key.

New Wings

No new Wings this month.

Flying Sites

Go to the CRRC Website and select the Flying Sites tab to see the various sites. The site page will give current weather and site information.

Building and Flight Instructors

To start your your instruction please call the Chief Instructor, Dick Williamson. You will be match with one of the Instructors.
All Instructors are qualified AMA pilots and willing to give assistance to fellow club members.

Types of instruction - B = Building, G = Glider, E = Electric, F = Fuel, H = Helicopter

Dick Willamson - B, G, E
978-618-5475 - Sudbury

Fritz Bien - B,G, E
978-369-1720 - Concord

Tom Bauer - B,G, E
781-235-7344 - Wellesley

Brian Rickman - B, E
774-249-2494 - Marlborough

Derick Veliz - B, E
978-337-7867 - Acton

John Weigel - B
508-655-2138 - Natick

Richard Gammon - B, G, E, F
508-835-2049 - West Boylston

Ken Antonellis - G, E, F
508-653-8369 - Natick

Bruce Schneider - G, E
978-460-0305 - Hudson

Lincoln Ross - G, E
781-891-0332 - Waltham

Dave Walter - G
978-562-5400 - Hudson

Jon Leehey - F
508-358-5721 - Wayland

Tony Davids - H
978-568-9598 - Stow

Tree Climbers

LloydKeyes(Wayland)
508-358-9197 or
508-341-0110

Michael Lynch
(Wayland/Sudbury)

Paul Harrington (Medfield)
508-376-2573

Monkey Man (Marlboro)
508-215-4290

Scott (Sudbury)
508-203-3845

Tony Morais
A1 Tree Services
(Framingham)
508-626-0088 or
800-657-7788

Stephen Canessa
The Tree Guy
978-460-1000

Hartney Greymont (Medfield)
Sean Comer
781-444-1227
thescomer@gmail.com

Jason (Davis Field)
978-460-0477

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

2013 MEMBERSHIP APPLICATION

Name
Street
Town State Zip
Telephone
E-mail

IMPORTANT: You must be an AMA member in order to receive your CRRC membership card.
AMA No.
Birth Date (AMA req'd)

To receive membership card and field pass, bring this application to a club meeting, or mail to the membership secretary (address below).

Ray Harlan
Membership Secretary CRRC
15 Happy Hollow Road Wayland, MA 01778
508-358-4013
Email: membership@charlesriverrc.org

Please make check payable to: **Charles River RC**

You can pay by check or use PayPal.
(PayPal to membership@charlesriverrc.org)

SAVE $5 - EARLY BIRD DUES RATES ARE LISTED

	MEMBERSHIP CATAGORY	On or before Mar 1, 2013	After Mar 1, 2013
☐	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

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.