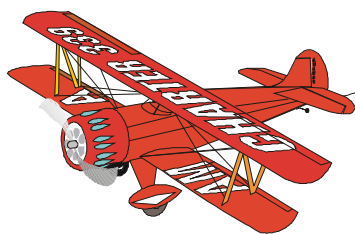


NEWSLETTER OF THE CHARLES RIVER RADIO CONTROLLERS, INC



CRRC FLIGHT-LOG

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

AMA Charter 339

November 2001

Volume 38 Number 11

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Jose Bruzual
Moved out of state!

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williamson@ll.mit.edu

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Pete Young ex-officio
617-484-0640
pwyoung@ix.netcom.com

WEBMASTER

Joel Foner
508-653-3560
jfoner@fonerassoc.com

NEXT CLUB MEETING:

Tom Jones speaking about the MIT Parent-Child UAV Project

VERIZON Labs

November 14, 2001

7:30 PM

(See map on last page)

Raffle Prizes:

Dremel Moto Tool
GWS Tiger Moth ARF
Butane Micro Torch

NEXT BOARD OF DIRECTORS MEETING:

The next directors meeting will be at the Sudbury Library Tuesday, November 27th at 7:30 PM. These meetings are traditionally held the Tuesday following the general meeting. All members and guests are invited to attend.

PRESIDENT'S COLUMN:

Tom Bauer

Fall is upon us, the days are getting shorter, and the mornings colder. Soon the soccer players (and goals) will be gone at Davis and we can look forward to a few peaceful months of glider flying. I just returned from a great day of soaring on Cape Cod. The weather was beautiful with a strong warm wind. I think about ten of us showed up to enjoy this great sport. I really like the sight of my plane swooping by at eye level framed against the blue ocean, then pull up, and roll into a hard crisp turn and zoom back the other way. It is also fun to play follow the leader trying to get a formation going around all together. The Boomerangs and Zagis were out doing battle with each other and a few who didn't want to be! Many knock downs occurred with some minor damage. One fatality was Miner Crary's 1-26 which once again stripped an aileron servo.

This year's Auction was a great success. We took in over \$900 with expenses of about \$300. Thanks again to Fritz Bien and Lincoln Ross for acting as

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Auctioneers. We had 116 people attend. I didn't get the name of the fellow who won the radio, but it looked like he was going to enjoy it. Mark Drela's Apogee sold for \$250. Mark donated the entire proceeds to the club. Thank you very much Mark. Thanks also to all the other folks who pitched in and gave a hand.

Finally I'd like to encourage you to attend this year's Christmas party. Last year's party was an evening of good food, good drink, good friends, and good entertainment. This year's party looks to be equally enjoyable, and besides, what else are you going to do on a Wednesday night? If you haven't bought your ticket yet, this month's meeting is a good time to buy them from Pete Young. They are \$25 each and we are hoping spouses will attend too. If you don't get tickets at this meeting you will need to mail your money to: Pete Young, 215 Belmont St., #2, Belmont, MA 02478

This month is election time, so make sure to come to the meeting to vote and find out who will be running the club next year.

Tom Bauer

TREASURER'S REPORT:

Report Date 10/30/01

Starting Balance 9/30/01

Checking (after #1209)	807.02
Savings	4,510.88
Cash	25.00
Total Starting	\$5,342.90

Income

Dues	305.00
Interest on Savings	5.89
Raffle	190.00
Total Income	\$500.89

Expenses

#1210 Raffle Auction, P. Young	373.91
#1211 Void	0.00
#1212 Auction, P. Young	36.23

#1213 Insurance, Postage, D. Williamson	38.15
Bank Fee	9.00
Total Expenses	\$457.29

Ending Balances

Checking (after #1213)	844.73
Savings	4,516.77
Cash	25.00
Total Ending 8/31/01	\$5,386.50

Signature *Miner Cray*

OCTOBER MEETING:

Pete Young

President Tom Bauer opened the October meeting at 7:38. In opening remarks, Tom noted that Verizon's security policies are tighter due to the international situation and all meeting attendees need to follow the stated procedures. Specifically: Only park in designated Visitor areas, not Reserved spots. Sign in and out on the visitor logs. Don't wander in the halls or the offices. We're very fortunate to have the use of the Verizon Laboratory for our club meetings, thanks to Jesse Hefter, so everyone's efforts are needed to keep us on the good side of Verizon. Let's not screw it up!

The Secretary's and Treasurer's reports were approved as printed in the last newsletter. Membership status: Dick Williamson reports that 167 members have signed up this year and Larry Parker is the first to renew his membership for 2002. Dick is now taking applications for 2002 renewals, either mail it to him or pay him at a future meeting.

Field reports. Davis and Medfield are fine and there is weekend glider flying at Cow Common in Wayland, adjacent to Rte. 27. If any are interested in more information on the Cow Common flying, contact any of the club officers for more information.

Flight Instructor report. Jon Leehey awarded "wings" to J.P. Riu who soloed after being away from the hobby for 20 years. Bob Maselek also got his "wings" after flying his EPP Highlander glider. Congratulations to both J.P. and Bob!

Old Business. Ru Crummett reported that some of the Millis fliers would like to thin the tree stand at the far right (facing the flying field from the parking area) of the flying area. It wasn't clear to us whether these trees should be thinned rather than the trees at the other end of the field.

The CRRC Auction is November 4th and all is in readiness. The CRRC Holiday Party is December 5th at Marlborough Country Club; Tom Bauer has obtained the participation of The Widows, a Wellesley College singing group with quite an established reputation. Board Meeting volunteer. Drew Bennett volunteered for the October and November meetings which will be held at the Sudbury Library.

Indoor Fly-In, Lincoln-Sudbury High School. This is scheduled for 26 October from 6-10pm, thanks to Bruce Schneider.

New Business: Boston Parks Department. Pete Young reported on very promising discussions with the Boston Parks Department regarding use of Millennium Park (Dedham), Pope John Paul Park (Dorchester), and Deer Island. The Dedham site appears to be particularly promising for slope soaring and next steps will be discussed with the BOD.

CRRC 2002 Officers, Nominations. The following positions are open: President, Vice-President, Secretary, Newsletter Editor. The following incumbents have offered to run again:

Dick Williamson, Membership; Jon Leehey, Flight Instructor; Miner Crary, Treasurer; and Joel Foner, Webmaster. Elections will be held at the November meeting!

Guests: we welcomed Frank Slaughter who is flying electrics and gliders.

Next BOD meeting: October 23rd starting at 7:30PM at Sudbury Library.

Raffle results. Mike Cormier took the "Miss 2" electric old-timer- appearing model home. Fritz Bien won the two micro servos. And Bob Maselek won the free-flight rubber Butterfly model. Show and Tell: Dick Williamson detailed the many changes that he's incorporated into his Spirit 2M. Dick also showed us a control surface alignment gauge that looked very useful. Tomer Jackman brought in his DIY (do it yourself) vacuum pump, complete with rolling dolly, that he made from scrap parts.

Simulator Night. Jan Kansky dazzled everyone with the engineering details incorporated into CRRCSIM, the flight simulator he developed with Mark Drela. Joel Foner showed off the Multiplex Cockpit Master, a very complete sim that retails for less than \$100. <I didn't get details of who brought in the other sims>.

MEDFIELD KEYS:

To get a key for the lock on the gate at the Medfield flying field you can: 1) Bringing your old key to the next meeting for exchange. 2) Stopping by Alex's R/C hobby shop for exchange (don't forget your membership card.) or 3) Sending a SASE with your old key to Ken Antonellis, 14 Winslow Road, Natick, MA 01760. If you do not have a key to exchange, there is a \$5.00 fee.

CRRC BUILDING AND FLIGHT INSTRUCTORS:

Below is our list of qualified and willing instructors. Power planes are flown at the Bill Martin Flying Field in Medfield. Sailplanes and Electrics can be flown at the Davis Farm Field on Rte 177 in Sudbury and at Callahan State Park in Framingham. See our web-site <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.

POWER

Jon Leehey (Chief)	Wayland	508-358-5721
Bob Scott	Norwell	781-982-0268
Pete Young	Belmont	617-484-0648
Ruane Crummett	Wayland	508-655-2234
Larry Copeland	E. Walpole	508-668-0448
Fritz Bien	Concord	508-369-1720
Neil Kaufman	Sudbury	978-443-9647

SOARING

Ken Antonellis	Natick	508-653-4513
Fritz Bien	Concord	978-369-1720
Dave Walter	Hudson	978-562-5400
Bruce Schneider	Hudson	978-562-9900
John Nilsson	Clinton	508-368-7136
Pete Young	Belmont	617-484-0640
Joel Foner	Natick	508-653-3560
Lincoln Ross	Waltham	781-891-0332

BUILDING

Pete Young	Belmont	617-484-0640
John Weigel	Natick	508-655-2138
Fritz Bien	Concord	978-369-1720
Joel Foner	Natick	508-653-3560

ELECTRICS

Fritz Bien	Concord	978-369-1720
Bruce Schneider	Hudson	978-562-9900
Dave Walter	Hudson	978-562-5400
Pete Young	Belmont	617-484-0640
Lincoln Ross	Waltham	781-891-0332

MEMBERSHIP:

If you are interested in joining CRRC, or renewing your expired membership please use the form enclosed in this newsletter, or talk to Dick Williamson at the next club meeting.

CRRC OFFICER DUTIES

Tom Bauer

For those of you who wonder what is involved, the duties of the officers are as follows:

The Club President runs the meetings, and deals with the outside world on the club's behalf.

The Vice President serves in the absence of the President to head up meetings, and arranges for the guest speaker each month.

The Treasurer is responsible for the club's finances, which mostly involves paying the bills and recording the dues and other income.

The recording Secretary is responsible for providing the minutes of the club meetings in the monthly newsletter.

The Membership Secretary is responsible for handling the membership renewals, new memberships, dealing with the AMA, and provides the mailing list to the Newsletter Editor.

The Newsletter Editor gets out the monthly newsletter into the hands of the membership one week before the general meeting.

The Webmaster is responsible for keeping our web page up to date with the latest happenings.

The Ex-Officio is responsible for the raffle prizes and bringing a sense of continuity to the board.

PROPOSED CRRC BALLOT

President

Jon Leehey

Nomination from the floor

Vice President

Derick Veliz

Nomination from the floor

Recording Secretary

Laurie Hurwitz

Nomination from the floor

Treasurer

Miner Crary

Nomination from the floor

Chief Flight Instructor

Ruane Crummett

Nomination from the floor

Membership Secretary

Dick Williamson

Nomination from the floor

News Letter Editor

Fritz Bien

Nomination from the floor

Webmaster

Joel Forner

Nomination from the floor

Board Member Ex-Oficio

Tom Bauer

Tom Bauer

BRATTLEBORO FUN FLY

Pete Young

Here's a quick report on the Great Pumpkin Fun Fly held in Brattleboro VT, co-sponsored by Rod Peterson (YSFA) and Rob Rondeau (BAF).

Mark Drela and I motored on up there Sunday am - the trip took just under two hours from Belmont and the drive was fast and easy. There were

about a dozen or so fliers there including a good number from Connecticut; Dave Garwood from Albany; and fellow CRRCer Ron Cichowski. Clark Bowlen from the Connecticut group was test flying a new discus launched HLG of his own design and which seemed to be flying well.

The site conditions and weather were really excellent. The field is a rolling meadow adjacent to Interstate 91, with rolling hills adjacent to the flying field, which generated lots of lift. The day started out a little chilly but by mid-day conditions were quite good with periods of strong lift cycling through. The lift during the day consisted of a mix of thermal, wave, and slope lift - quite an interesting mix. The best news is that I didn't end up in any trees this contest :)

CD Rob Rondeau called a 3 round 15 minute add-em-up, no flight exceeding 7 minutes, with a 100 point graduated landing. Flying proceeded at a low pressure pace with one winch/retriever proving to be quite adequate. Between official flights, there was plenty of time to put in fun-flights which of course (of course!) for me usually ended up in great thermal air.

When the official flying was over, the final results were: 2 Meter: Mark Drela (Allegro) 1st; Pete Young (Sovereign) 2nd; Dave Garwood (NSP Swift), 3rd. Unlimited: Ron Cichowski (Victory) 1st; Bob Rondeau 2nd; 3rd Pete Young.(Majestic). Mark also flew to an uncontested win in Electric with scores that would have been hard to beat.

All in all, this was a most pleasant flying day spent under very nice flying conditions. Thanks to Rob R. and Rod P. for organizing this.

Pete Young

CRRC 2001 FUN FLY

CD Bob Scott hosted the 2001 CRRC Fun Fly at the Medfield flying field on October 2001. The event was a great success with many flyers turning out to take part in the action. The weather conditions were cold and blustery with a nasty wind that really made things exciting. This AMA sanctioned Fun-Fly competition divided the pilots into two classes, the sport flyer class and the expert class. In sport flyer class there was an amazing variety of electric and glow powered aircraft ranging from Fritz Bien's Speed 400 tri-motor lazy Bee to 40 size trainers, and others.

The tasks for the sportsman class included a timed mail run where pilots needed to perform a take off at one end of the field with a bit of tape attached to their plane, perform one circuit of the flying field runway, and then proceed to land, recover the "mail" and deliver the mail to the timer. A second task was the ever popular low pass under the streamer. The streamer was progressively lowered until it was practically drooping to the ground. One memorable pass at the streamer by Mitch Buckley left his aircraft trailing the 40 foot streamer as if his plane were ready for a session of combat. Another task involved taking off and performing a certain number of pre-defined maneuvers and landing as quickly as possible.

The experts participated in these same tasks, but on top of that they were tasked with perhaps the most challenging event of the day. In the extremely windy and gusty conditions the expert pilots were asked to land their aircraft on a standard size card table raised 4 feet off the ground, a tall order even in calm conditions. Many attempts were made with the best two efforts resulting in a

low touch and go with the landing gear absorbing a good deal of abuse, an a second successful touch that was lacking a bit in the go department! Several planes paid the ultimate price in attempting the carrier landing, but most pilots went home with minor damage, with the exception of one pilot who went home with the best crash of the day trophy. Overall the event was great fun for pilots and spectators alike.

CRRC Soar-In, Part Deux

What:

2001 CRRC Soar-in, Part Deux

When:

Sunday, Nov. 11 – 8:30 AM

Where:

Davis Field, Sudbury, Mass.

Who:

Any AMA member

Why:

Why not?

How much:

\$5

On suggestion from Bruce Schneider, we have decided to hold the second half of the CRRC Soar-in next Sunday morning at Davis field. As you may remember, the second day of the official Soar-in was rained out in August, and we have these dandy plaques just dying to be awarded to some worthy individuals.

Please note that the soccer folks

WILL be showing up at the usual time, 11:00 – 11:30, so we need to start on time. We will have winches all set up and ready to go by 8:30 AM. This is an informal contest called on short notice. You want food? Bring some! Miner has offered to bring his grill. If everyone helps out, we should be able to get in 3 rounds before the kiddies show up.

Rain date will be the following Sunday, Nov. 18. Stay tuned to the CRRC news group for further details.

Dave Walter

HOLIDAY PARTY

Pete Young

All CRRC members are invited to sign up for the second annual CRRC Holiday Party at the Marlborough Country Club, Wednesday December 5th. As happened last year, attendees will be treated to a low-key evening of socializing, good food, and live entertainment. This year, CRRC members and their guests will be serenaded by The Widows, the well-known Wellesley singing group who will just have returned from a competitive performance.

This year we are inviting club members from other local hobby clubs so that we can make new friends and mingle together in sociable environment. So please give serious thought to turning out for an evening of food, entertainment, and sociability.

For further information, or to sign up in advance, please contact Pete Young at (617) 484-0640, e-mail pwyoung@ix.netcom.com



THE CHARLES RIVER RADIO CONTROLLERS, INC

AMA Charter 339

2002 MEMBERSHIP APPLICATION

Name _____ AMA No _____

Street _____ Birth Date (AMA reqmnt) _____

Town _____ State _____ Zip _____ Tel. () _____ - _____

e-mail _____

To receive membership card and field pass, bring this application to a club meeting, or mail with a **copy of your current AMA LICENSE**, appropriate dues, and a **SELF ADDRESSED STAMPED ENVELOPE** to:

Dick Williamson /Secretary CRRC
P.O. Box 398
Lincoln, MA 01773
Telephone (978) 443-8549
email: williamson@ll.mit.edu

I WOULD LIKE TO PARTICIPATE IN:

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

I WOULD LIKE TO RECEIVE MY NEWSLETTER:

- ☐ ELECTRONICALLY
☐ VIA the US Mail

	New Members	Renewals
OPEN Member	\$30.00	\$35.00
SENIOR member (if age 60 before July 1)	\$20.00	\$25.00
JUNIOR member (under 19 on July 1)	\$15.00	\$20.00
Full-time STUDENT	\$15.00	\$20.00
Family member addtl to OPEN membership	\$15.00	\$20.00
		Deduct \$5 if paid before Mar 1

I'M INTERESTED IN THE FOLLOWING:

- ☐ TRAINERS/SPORT PLANES ☐ ELECTRICS ☐ HELICOPTERS
☐ GLIDERS ☐ PATTERN ☐ RACING
☐ SCALE/SEMI-SCALE/QTR SCALE ☐ DUCTED FANS ☐ SEA/FLOAT-PLANES
☐ OTHER (specify) _____

FREQUENCY DATABASE

This database is made to help you select future radios that have the fewest conflicts with ones used by others at the flying field. Put the number of transmitters that you own for each frequency. **ADD D IF IT IS YOUR PRIMARY FREQUENCY AT Davis Farm, and M if it is your primary at Medfield.**

11 _____ 16 _____ * 21 X 26 _____ 31 _____ 36 _____ 41 _____ 46 _____ 51 _____ 56 _____
12 _____ 17 _____ 22 _____ 27 _____ 32 _____ 37 _____ 42 _____ 47 _____ 52 _____ 57 _____
13 _____ 18 _____ 23 _____ 28 _____ 33 _____ 38 _____ 43 _____ 48 _____ 53 _____ 58 _____
14 _____ 19 _____ 24 _____ 29 _____ 34 _____ 39 _____ 44 _____ 49 _____ 54 _____ 59 _____
15 _____ * 20 X 25 _____ 30 _____ 35 _____ 40 _____ 45 _____ 50 _____ 55 _____ 60 _____

*These channels cannot be used at CRRC fields due to the close proximity to TV Channel 4. HAM LICENSE CHANNELS: license will be checked at the field!

01 _____ 02 _____ 03 _____ 04 _____ 05 _____ 06 _____ 07 _____ 08 _____ 09 _____ 10 _____
53.1 _____ 53.2 _____ 53.3 _____ 53.4 _____ 53.5 _____ 53.6 _____ 53.7 _____
53.8 _____

CRRC 2nd Holiday Party

Marlborough County Club
200 Concord Road
Marlborough MA

Wednesday December 5th
SocialHour – 6:30PM
Buffet Dinner –7:30PM

After Dinner Singing Entertainment:
"The Widows" from Wellesley College

Ticket price: \$25

For further information, contact:

Pete Young
215 Belmont St., #2
Belmont MA 02478
(617) 484-0640
e-mail: pwyoung@ix.netcom.com

CAMBRIDGE RESERVOIR

VERIZON LABORATORIES
ENTRANCE
RING BELL TO ENTER
DO NOT PARK HERE!

MEETING ROOM

Park Here

WINTER STREET

ROUTE 195/128

TRAPELO ROAD

NORTH

WYMAN STREET

TOTTEN POND ROAD

EXIT 27B

EXIT 27

SOUTH

SECOND AVE.

FIRST AVE.

WEST STREET

ROCK ADO

TAKE EXIT 27B

