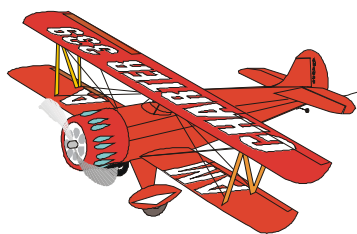


NEWSLETTER OF THE CHARLES RIVER RADIO CONTROLLERS, INC



CRRRC FLIGHT-LOG

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

AMA Charter 339

September 2001

Volume 38 Number 9

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NEXT CLUB MEETING:

**Mark Vaughn on:
Thermalling at
10,000 Feet in a
Hang Glider**

VERIZON Labs

**September 19, 2001
7:30 PM**

(See map on last page)

Raffle Prizes:

**Aspire 2m Sailplane ARF
Voltmeter with leads
4.8V Flight Pack**

NEXT BOARD OF DIRECTORS MEETING:

The next directors meeting will be at the Natick Library Tuesday, September 25th at 7:00 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

My family and I had a great summer out in Washington, but it is good to be back and see old friends again at the flying field. The Sunday of Labor day weekend was some of the best thermal soaring I have experienced at Davis field. I haven't been down to Medfield since I've returned, but I've heard everything is looking good down there.

Soccer has started up again so for the next few weeks we will have to run on a limited schedule of only flying Sunday mornings up to about 11:30. Trips to the Cape slope soaring is a fun alternative on Saturdays. Gas and electric flying at Medfield is another way of enjoying our hobby. If you don't have a "powered" aircraft there are many nicely built ARF's out there that would allow you to get in the air in a lot less time then building something from a kit.

I am looking forward to the Woodsom Farm Festival up in Amesbury, MA. My daughter and I had a great time last year. (she even wants to go back!) This

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is really a wonderful event and I hope to see many of you up there. Thanks to all the folks and especially to Pete Young, Joel Foner, and Mitch Buckley for all the work they have done to make this a great event.

That's all for now. Takeoffs are optional, Landings are mandatory

Tom Bauer

TREASURER'S REPORT:

Report Date 8/31/01

Starting Balance 7/31/01

Checking (after #1197)	1,587.08
Savings	4,497.57
Cash	25.00
Total Starting	\$6,109.65

Income

Dues	150.00
Interest on Savings	6.99
Total Income	\$156.99

Expenses

#1199 Supplies, D. Williamson	63.89
#1198 Soarin Food, J. Foner	227.75
#1200 Raffle/Party Dpst, Young	290.50
Bank Fee	9.00
Total Expenses	\$591.14

Ending Balances

Checking (after #1200)	1,145.84
Savings	4,504.56
Cash	25.00
Total Ending 8/31/01	\$5,675.50

Signature *Miner Crary*

AUGUST MEETING:

Jan Kansky

I opened the August meeting at 7:40pm, substituting for the club president and vice-president, both of whom were out of town. The meeting attendance was lower than expected, and I apologize for not getting the newsletter out in time to inform everyone. Those that made it were able to listen in on a very informative presentation by Joel

Foner, as well as a group of helicopter pilots that Joel recruited to bring in their gear and tell us about it.

The meeting started out reminding everyone that the Woodsom Farm Festival and the Medfield Fun Fly are upcoming. Both events sound like they will be a lot of fun.

The raffle was next on the agenda. Dick Williamson was the lucky winner of the Goldberg Electra, the Hobbico Heat Gun went to another deserving modeler whose name I didn't write down, and Ruane won the fuel.

The show and tell was chock full of helicopters!

Raja brought a Zenoah powered Excel helicopter with a governor on the engine as well as a heading hold gyro. The all-up weight of the aircraft was 12 pounds.

Howard Moftich showed us his Hirobo YS61 glow powered heli with a glass reinforced plastic frame, governor and belt drive for the tail rotor.

Jim Peters talked about his Ys61 XCell 60. Jim flies at Wrentham and Acton and reports about 6.5 minutes of aggressive flying per tank.

Taking a break from the helis, Larry was there with his Kyosho Soarus Sport with a geared Speed 500. Larry had a discussion with the audience regarding choosing the correct flight speed and climb angle with the motor on to achieve the maximum altitude.

Simon Pan brought his Voyager E electric helicopter. Simon reported that it probably wasn't the best choice for beginners but was pleased nonetheless.

Val Petrov showed us his fantastic Eco 8 electric powered heli complete with wireless video camera and telemetry downlink! This Aveox Delta powered 10 cell helicopter had a 2.4GHz video transmitter with a Sony glasstron heads up display. The wireless video link at 2.4GHz provided color video from the heli as well as an overlay showing altitude, rpm, and forward speed. The altitude resolution was on the order of several feet. Val plans on flying his heli remotely using the heads up display alone!

Finally, Larry Copeland was there with his Hirobo Shuttle Z. Larry encouraged everyone to give helicopters a try!

Joel Foner then took the stage and gave us a run down of the gear needed to fly helicopters. Joel's main point was that there really isn't that much in the way of specialized gear required. Joel described the mechanics of the heli rotor head and then showed some videos of the assembly of a full-scale kit helicopter, as well as hot dog "3D" flying by world class heli pilots.

Howard Moftich was the lucky winner of the show and tell prize, a metal working hole punch.

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

Dick Williamson	Sudbury	978-443-8549
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
Dick Williamson	Sudbury	978-443-8549
Joel Foner	Natick	508-653-3560

ELECTRICS

Fritz Bien	Concord	978-369-1720
Dick Williamson	Sudbury	978-443-8549
Bruce Schneider	Hudson	978-562-9900
Dave Walter	Hudson	978-562-5400
Pete Young	Belmont	617-484-0640
Lincoln Ross	Waltham	781-891-0332

HELICOPTERS

Joel Foner	Natick	508-653-3560
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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.

CASA ESL CONTEST

The Capital Area Soaring Contest held this last weekend was well attended by CRRC soaring pilots. A group of 6 pilots made the trip down to Warrenton, Virginia to fly at one of the largest soaring contests held in the East. The die-hard pilots included Anker Berg-Sonne, Fritz Bien, Jose Bruzual, Jan Kinsky, Bruce Schneider, and Dave Walter.

The flying site is one of the reasons for the large turnout. The contest was held on Frank Thompson's Horsefeathers Aerodrome, a huge private airfield that is normally used for full scale flying activities. Throughout the contest weekend full scale airplanes and ultralights were making flybys of the field to check out the model flying activity from a distance.

The flying conditions worked out perfectly for a weekend of soaring. The winds were light to moderate for both days with plentiful lift organized in fairly compact strong thermals that drifted downwind at a moderate pace. The downwind drift was slow enough that making contact and riding a single thermal was sufficient to make time. The fact that the thermals were strong down to low altitudes made for some exciting last minute low altitude saves.

The task structure set out by the Contest Directors Skip Schow and Phil Barnes called for 5 minute tasks for the first round followed by 8 minute tasks for the remaining six rounds. L6 Runway landings were used with a 25 foot runway and a 1 point per inch deduction.

Because of the abundant lift, and moderate turbulence the landing performance was the deciding factor in the contest. Perennial ESL champ Tom

Kiesling won both days based on the strength of his landing skills. CRRC member Dave Walter was hot on his tail the whole weekend. It seems that lately Dave is a top contender at every contest because of his ability to land on target and his ability to fly efficiently in less than ideal lift until the lift has had a chance to organize and give him the altitude to guide his aircraft to stronger regions of lift. Dave finished in the second spot on Saturday, and tied for Fourth on Sunday. Great Job Dave!

The ride home was a long one, but we were all satisfied after an enjoyable weekend of flying. The discussion on the walkie-talkies during the trip back kept us occupied. Anker was out of his element when the GPS moving map display on his laptop stopped registering our position. Luckily, we had paper maps on hand until the GPS was repaired. It was difficult, but we had to live with the uncertainty of not knowing our position to the exact meter for the trip through NY. :-)

UPCOMING EVENTS:

September 16: Woodsom Farm

September 23: SNHRCC Contest

September 29: Medfield Fun-Fly

October 13: Downeast F3J Contest

October 20: Electric Fun-Fly

November 4: CRRC Auction!!!!

See the website for more details!

WOODSOM FARM FESTIVAL

Sunday September 16 is the date for this year's Woodsom Farm Festival model aviation demo and fun fly at the Woodsom Farm site in Amesbury on the North Shore. This is a great opportunity to show our model aircraft in a high vis setting and our flying last year was a huge success with several extremely positive writeups in the local paper.

Weather permitting, we plan to fly gas, electrics, gliders, and helis on a large grassy athletic field complex across the highway from the main fair. We were fortunate to have very mild weather last year and obviously, are hoping for good weather again. Setup will start between 9 and 9:30 and we hope to get planes flying by 10 or earlier. Frequency control will be provided so all we need is a) reasonable weather and b) lots of planes -- last year the planes flew ran the gamut: electrics, winch launched gliders, RCHLGs, helis, and gas powered planes. For further details on the Festival itself, go to www.woodsomfestival.com.

If at all possible, plan on coming up to Amesbury to fly and demonstrate your aircraft. The Festival is a very folksy event with lots of family attractions and fun events for kids <if you're the gambling type, you can play Bovine Bingo and try to guess where the cow "leaves her mark">

For further details, contact Pete Young.

SEPTEMBER SOAR

On September 23rd the SNHRCC will be sponsoring a soaring contest similar to the one held this spring. The major change will be the classes, as

before there will be the 7 cell electric sailplane class. The change will be the flying of 2 meter and open classes of RES (rudder/elevator/spoiler) sailplanes.

The events will be duration and a spot landing as before. Food will be available, registration fee of \$5 per entry. Registration at 8:00 flying starts at 9:00 Directions to the field can be found at www.litchfieldnh.com/snhrrc

For those of you who need some winch time to trim your sailplanes prior to the contest contact John Hayes for dates and times. Jhayes6096@aol.com or 603-424-7125 Good lift, John

MEDFIELD FUN FLY

Here are some emails from Bob Scott regarding the Fun-fly on September 29th.

Guys and Gals,

I just received the sanction from AMA for our fun fly. Get your planes ready.

Some info:

Two classes:

Novice or beginner class

*must use airplane "type" from ugly stik to trainer.

*This class will feature easier tasks, but may require basic aerobatics (loops and rolls).

*the pilot may have help during take off and landing.

Unlimited or expert class

*any plane goes, but you can't switch

back and forth between models. In other words if you switch to your back up model, you must fly that model for the rest of the events.

*this class will have the difficult tasks (also fun to watch).

General

*Pilots may make repairs at the field.

*all tasks will be given on the morning of the 29th.

*you may bring as many planes as you like.

*Any AMA member may fly in either class. More to come.

I'll be announcing the events well before you'll have to fly them. The flying wont start until 9:30 or so and if you show up early you can have your schedule by around 8:30. Ha Ha Ha.

Actually to make it fair to those who can't fly (and practice) everyday, I figured we'd keep the tasks a surprise until the 29th. People can bring two types of planes and fly in novice class if the expert stuff looks too crazy.

Looks like it will be a blast. Time to start working on those last minute design modifications to make your airplane competitive. Let's hope for some good weather.



THE CHARLES RIVER RADIO CONTROLLERS, INC

AMA Charter 339

2001 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

	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

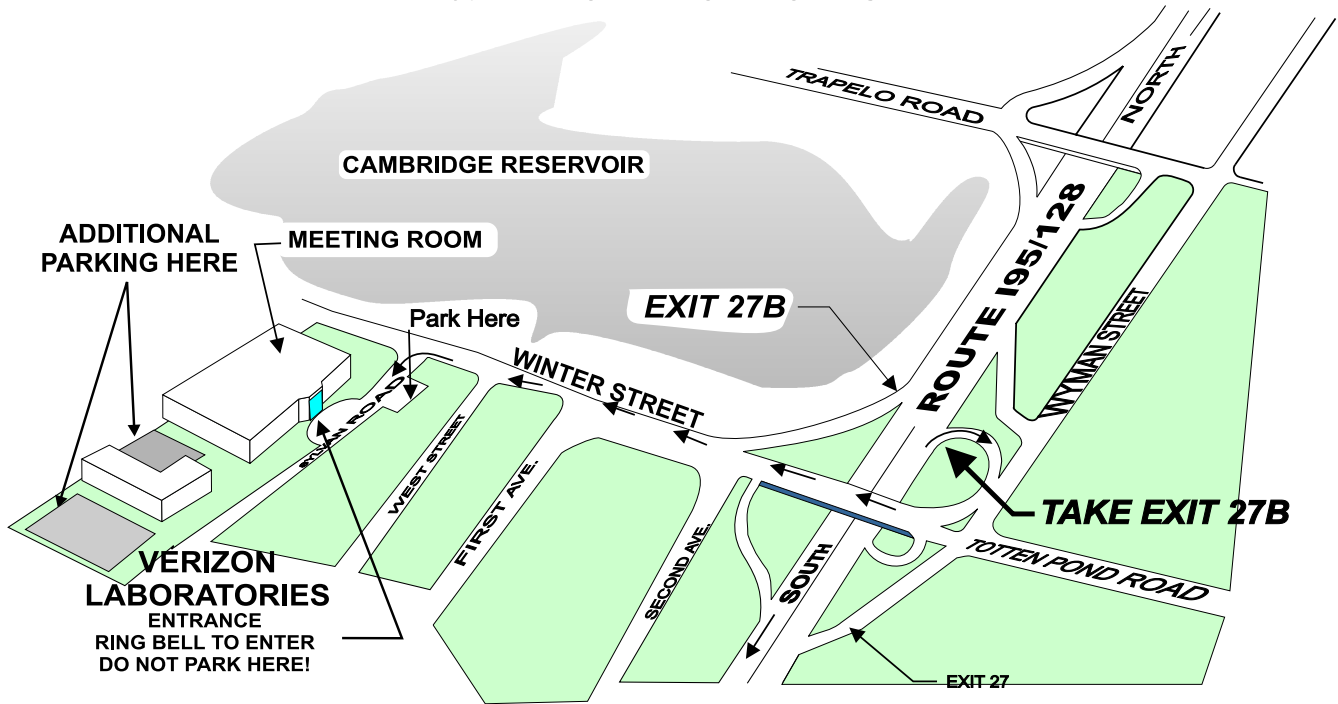
This database is made to help you select future radios that have the fewest conflicts with ones used by others at the flying field. Put the number of transmitters that you own for each frequency. **ADD D IF IT IS YOUR PRIMARY FREQUENCY AT Davis Farm, and M if it is your primary at Medfield.**

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 _____

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



JAN KANSKY
159 ELSINORE ST #2
CONCORD, MA 01742