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AMA Club Charter #2988

<http://www.downeastsoaring.org>

Next Meeting

April 13 th Club Meeting	Saturday, 4/13/2002	9:00 coffee & muffins 9:30 business meeting 10:30 Show and Tell	Bookland Coffee Shop, Cooks Corner, Brunswick
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What's inside?

- Minutes of March meeting
- DSC perpetual HLG trophy Pictures
- Picture of the next Fund Raiser "Members only raffle" Item(s)
- Quote of the Month
- Pictures of the Club video and book library
- What is all the rage about the Lithium Ion batteries?
- WRAM tips
- New plane pictures
- And More!

Coming in upcoming Newsletters:

- Flying in the dark lessons learned. What's next?
- Index of Club VCR library, including NEW releases
- DSC member in the "Spotlight"
- Upcoming raffle items
- No Host Slope Soaring Festival Schedule
- What Jeremy Riecks' The ICOM IC-R2 compact, ultra wideband scanner-receiver showed us
-

Minutes of the Saturday, 9 March 2002 Meeting

(As recorded by Jim Armstrong)

MEMBERS PRESENT:

Jim Armstrong, Charlie Kerr, Mac McLaughlin, Rex Olmstead, Forrest Sumner, Mike Farnsworth, Michael Moore, Rick Hallett, Tim Acord, Brian Lawrence, Larry Smith, Dick Rosenberg, Ken MacDonald, Matt Dyer, Mark Higgins, Brad Danse, Michael LaTorre, Jeremy Riecks, Jay Wiley, and Jim Carroll.



TREASURES REPORT:

Treasurer Ken Mac Donald reported on the financial status of the Club. Ken said ~50 members had paid their dues for 2002.

SECRETARY'S REPORT:

Secretary Larry Smith reported that he had no correspondence.

OLD BUSINESS

POTENTIAL DS SITE:

Background: Tim A. said he found a potential DS site in Monmoth by RT126/35. Forrest Sumner located the site and knows who the owner is. Forrest will call him to get permission to fly there. Forrest took a compass and determined that it was a North by Northwest site. Tim and Forrest mentioned that there was another potential slope site that we need to look into. It is near the Sebatius cemetery. Forrest met Pat Cyr about using the site. (Continued)

Old Business Continued

Tim and Forrest mentioned that there was another potential slope site that we need to look into. It is near the Sebatius cemetery. Forrest met Pat Cyr about using the site. He was not overly receptive about the idea because he is only leasing it. Forrest knows the owners (The Sandborns) and will talk to them about gaining access. Tim reportedly tried DSsing but failed. It seems that he was not ready for the speed on just his second pass. His Zagi fluttered, crashed, and tore off one of its eyeballs. The site looks promising! Thanks to Forrest for his persistence. It will be worth it if we can use this site.

Forrest Sumner reported that the family moved but that he found the owners. The son is the one he was told to seek permission from. Forrest went to the house but just missed him. He will keep trying

GLIDER VCR TAPES

Jim reported that he was working on the index of club VCR library, including new releases.

DSC perpetual HLG trophy



Background: Discussed how HLG trophy would be awarded. Decision was made, since it is a trophy that is passed around, that the contest would be open to no members but that the perpetual trophy would be awarded to the highest placing DSC member in good standing. Jeff took talked to Brian Lawrence who said he would be honored to make the trophy. Brian would like pictures or a drawing on what we would like. Club members agreed that an incentive to get members to provide ideas would be to give the person submitting the chosen design a free 1-year DSC membership.



Brian Lawrence unveiled the DSC perpetual HLG trophy. Brian Lawrence is a sculptor by trade and is a fantastic one. He blew the members away with what he created. He used the idea of the hand that Jim Armstrong had submitted.

Mike Farnsworth won last summer's HLG contest so he has the honors to take it home and display it.

Club members gave Brain several rounds of applause for his fantastic job. Special "Thank You" to Brian!!! Brian wants to make a slope Combat trophy too. If you have any ideas right now. Send your ideas to Brian Lawrence, 96 Burnham Road, Scarborough, ME 04074.

WINCH THERMAL SOARING & Yarmouth Thermal Field

Background: Jeff reports that we have permission to use the Yarmouth thermal field. He will get the owners information so that the Club can insure the field. Jeff has left a message for her and is waiting for her to call. Steve Savoie does not use his retriever very much, so he offered to leave it with the club trailer. This would give us two to use. Our current version should work ok with a few tweaks as well.

- Ø Discussed getting a central location for the Club's Trailer/winch/retriever so that people could access it easily on weekends to do some thermal soaring.
- Ø Steve Savoie will be putting his retriever on the trailer soon. It will be available for the May Thermal contest.

DSC Member only Fund Raiser "Winner pay Drawing" February Drawing

Bob Buxton paid for and has received the Hobbi Hawk. Congratulations to Bob and again a "Special Thank You" to Jim Tyrie for the fundraiser donation. Other items that Jim Tyrie donated will be coming up soon.

March F-16 and P-40 "Winner pay" Drawing

Background: Charlie Kerr donated two planes to the Club at a previous meeting. One was an F-16 and the other one was a P-40. Club members looked over the kits. They set a price of \$40 for the F-16 and \$25 for the P-40.

Club members decided to have the Winner pay drawing for the items at the March meeting. If you're interested in putting your name in for the drawing, attend the meeting or let Jim A. know. F-16 Entries: Mike Farnsworth, Ken MacDonald, Jeff Carr. P-40 Entries: Tim Accord, Michael Moore, Forrest Sumner Drawings were held at this meeting. Additional member put their name in the hat. Winner of the F-16 was Rick Hallett. Winner of the P-40 was Forrest Sumner. Congratulations to the winners and again a "Special Thank You" to Charlie Kerr for the fundraiser donations.



F3J CONTEST

Background: Rick Hallett asked Field Marshall Charlie Kerr to look into using the grass hilly area beside the mowed airstrip at Hemonds. Charlie said he would find out if we can use it.

- Ø Charlie Kerr reported that Mr. Hemond was not back from Alaska and that he has sold his property to his son that lives there now. A Motor Cross track is being built on the land but shouldn't be a problem for us. Sundays will be their big day we are told. Charlie is working on getting a new AMA insurance certificate for the new owner and will coordinate our events with him.

WRAM SHOW

- Ø Jim and Tim mentioned the new glue that they saw at the WRAM Show. It was a new "molecular integrator" type glue. \$40 a bottle. The salesman glued several items that were amazing. One was a rubber "O" ring. Tim pulled on it until his face turned purple but he couldn't break it apart.
- Ø At the meeting Jim promised to provide some good tips he picked up at the show. Here are several that he picked up from Club member Dave Ives:

From: "Ives, David C." <ivesdc@pweh.com> Subject: Kite Materials

Date: Tuesday, February 26, 2002 9:11 AM

> Dear Jim:

>

> It was great seeing you and Tim Accord on Friday.

>

> The WEB address of the kite place is: www.citystar.com/hang-em-high.

> Their phone is: 804 233 6155. No catalogs but low shipping rates and good

> friendly service. I usually call in my orders. Their CR06 or CR07 rods

> are good for Zagi pushrods in a plastic clevis using CA. To cut the rods,

> use a new razor blade, good pressure, roll the rod 40 turns, then support

> at cut with 2 fingernails, then snap. No need for threads in the nylon

> clevis; crash tests say so. Wick CA into cut end. I meticulously pick up

> dust with masking tape, no one knows about long term effects yet. I use

> smaller rod for park flyers. The .125 tubes are good for spars, I have

> them in my vulcans, which can bounce up 8 feet without damage. The 1/2

> ounce polycarbonate icarex makes good rudders, a half yard will go a long

> way. The kite line SPECTRA does not stretch and is very thin for its

> strength, and you can order a selection of 20 ft lengths to experiment
> with cheaply. She can put them all on the same roll to save on shipping.
>
> Another kite store: Into The Wind, call 800 541 0134 for a good catalog.
> Their AVIA micro carbon rods are slightly different sizes from above, even
> though they say some are the same.
>
> Also thanks for the bungee, I built a launcher out of pvc downspout and
> have about 100 successful launches. I am only pulling enough to get 120 ft
> up so far, but am learning the launch skills. I would never have known
> that I have to pull up vertical and then level off at the top without
> seeing Tim do it. I made nylon inserts with screw eyes to connect the
> tubing like in a recent Model Aviation article. The connection seems good
> so far. My bungee spool came from the Northern Toyz kite shop in Portland
> ME (the larger of the 2 black spool sizes, about \$3.) They have some kite
> supplies in stock as well.
>
> The only thing that glues Depron is odorless CA, as far as I can tell.
>
> I found the li-ion battery stuff from home last night on the internet, so I
> do not need the info, thanks.
>
> Sincerely,
>
> Dave Ives

DSC Web Site

Background: Michael Moore asked for an alternate e-mail list for the DSC WEB site. This would give the functionality to also send e-mails to people that have e-mail on their cell phones. Someone could then put out an e-mail as to where they are flying. If someone with a cell phone were at another site or on the road they would get the notification. Mike said that maybe it could be added in the future. (Pres./Edit. Note: Michael found out that you could list 2 e-mails on the DSC web page by putting a coma between them. He revised his e-mail address on the web page and it worked. Here is how he input it: mdmoore@finstad.net,2078370546@mobile.att.net.

- Ø Club Web Master Mike Farnworth said that he was adding a second field for someone's second address. He said he would rather do it this way because adding a comma etc. has created some server errors.

RES MAXX (ONE DESIGN CONTEST)

Background: Discussed having a one design RES MAXX contest. It was felt that having a one design would be an incentive for those building one as part of the RES MAXX Club building project. Nelson is becoming a CD this year and would like to CD this event. Therefore he will make the final decision on contest format.

- Ø Tabled.

Club Trainers

Background: Motion was made and approved to buy a Hitech 555 receiver and two MG-81 servos for one of the club trainers. Members will buy the gear at the WRAM show. Further discussion after the meeting revealed that there is one problem. The club radio is AM. We may not be able to find a narrow banded AM receiver. If somebody knows of a brand compatible with Tower Hobbies then let us know.

- Ø Two servos were bought for the Club's DAW 1-26. The Club's FM channel 32 radio is being put in it. Jeff should have it done soon. The Club's AM radio will be put in the "Ball of Tape."

AMA Requirements

Background: Nelson brought to the clubs attention that the AMA will be requiring bylaws for new charters this year, and renewed charters next year. It seem that there have been some law suits lately about people being kicked out of clubs with no due recourse. We may need to amend our bylaws to deal with such situations. Nelson suggested that we post them in the member's section of the web site. The bylaws will be posted as soon they are reviewed.

- Ø Subsequent to the meeting Jim checked the old Club's black secretary's box with no luck. He did find a signed copy attached to one of his 1991 DSC newsletters. After it is scanned with an OCR program it will be brought to a meeting for discussion.

NEW BUSINESS

Primary RC Channels for Thermal, Slope, HLG, and Electric:

- Ø After some discussion, we decided to start to maintain a list of primary frequency for each member in thermal, slope, HLG, and electric categories. Eventually it will end up on the Club Web page. The list is to let people know what a person's primary frequency is. The reason is to reduce conflicts which will increase member flying times at the slope and during Wednesday Glider night. We had conflicts several weeks ago at Ken's house and at Bailey Island. We can REDUCE these types of conflicts since we have 50 channels to choose from.
- Ø Also several Contest Directors will be having events that will require pre-registration and allow only one entrant per frequency. For example Rick Hallett's Thermal Contest in May is this way. The HLG contest this September will be that way also.
- Ø There are many ways to change your frequency. You can use the following crystal exchange program or swap your crystal with someone else in the Club:

Radical RC
7046 Harshmanville Road
Huber Heights, Ohio 45424

NOW! WWW.RADICALRC.COM !!!
FAX ORDER LINE 937-237-1521
Voice Order Line 937-237-7889
Master Card / VISA / PayPal Accepted!
(For PayPal use email account "davthacker@aol.com")

<http://members.aol.com/davthacker/radicalrcxtalexchange.htm>

Exchanges

You may exchange a like crystal on a random channel number for the exact xtal you want. The exchange fee is \$5 (or a second xtal), the shipping is included. They will come to you first class mail in a bubble pack. Example: If you want a Futaba FM 37 RX dual conversion xtal, then you have to send me a Futaba FM RX dual conversion xtal. If you want an Futaba AM56 TX xtal, then you have to send me a Futaba AM TX xtal in exchange. We do not accept the older "colored flag" type frequencies, only numbered channels please. Some crystals are glued into their cap from the factory. These crystals MUST include the cap when you send them in. Airtronics DC RX, JR Gray Cap ABC&W RX, JR Red Cap Dual Conversion RX, JR TX.

AMA Open Thermal Duration CONTEST Saturday, 5/4/2002:

- Ø Rick said that he was accepting pre-registration for his Thermal event in May. Only one flyer per frequency will be registered.
- Ø Rick asked for HELP. He is looking for someone to volunteer to do the cooking at the contest. Contact him if you can help: Rick CD 800 430 3058 happ1@midmaine.com.

Ø Subsequent to the meeting Rick put out e-mail about the event. Contact Rick at 800 430 3058 happl@midmaine.com to register if you haven't already. His e-mail below provides information for those that don't have e-mail.

----- Original Message -----

From: <happl@midmaine.com>

Sent: Monday, March 11, 2002 7:35 AM

Subject: secondary gives new opportunities and one primary

If these secondary channels open up someone that has not enrolled already please get back to me real quick.

Please note we are asking for seconds just in case we can use this to prevent someone else from having to buy another set of crystals.

I have a list and will need to check it twice even though I am not Santa Claus. Channels requested for flying Thermal Duration 5/4/2 Hemond Airport Rick CD 800 430 3058 happl@midmaine.com. You have requested this frequency and if you for some reason you cannot come please get back to me as quickly as possible so that it might be given to someone else.

16 Matt Dyer
20 Jim Carroll 21,25
24 Mike Farnsworth
26 Mark Higgins
27 Mac McLaughlin
28 Ken McDonald
44 Larry Smith
45 Forrest Summer42
48 Jim Tyrie
49 Rex Olmstead 58
50 Jim Armstrong secondary 48
52 Tim Acord
57 Michael Moore
59 Bob Buxton secondary 40
02 Charlie Kerr
53.1 Jeff Carr secondary 09

If you were not present at the meeting, please check the list and get back to me as quickly as possible so we can sort everyone out in time for the contest in May

These are your prime frequencies; but if you have a secondary that you could fly please get back to me. I have a couple of conflicts that did not sign up because their frequency was taken. If necessary I do not intend anyone to be out. Further we have not had much time to prepare for this. If you belong to the club I will buy the crystal set to keep you as a participant. The contest as written needs you to have your own frequency for the day. It dramatically relieves the burden on me the CD since all my work on frequency sorting is completed before we start. Please make sure though that the receiver you are using is suitable for a crowded environment and long distances. Thermal soarers usually do not bounce as well as slope flying planes.

Rick happl@midmaine.com 800 430 3058
Thermal duration 5/4/02
Hemond Airport Minot ME

SHOW & TELL:

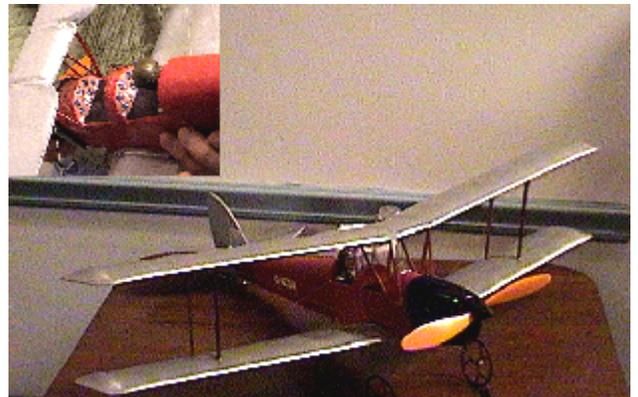


- Ø Rick Hallett described how he installed Harley M. RADS system in a Little Devil.
- Ø Mike Farnsworth brought his Xterminator Discuss HLG that he purchased at the WRAM show. It has a CF pod and boom, Kevlar bagged wings, and balsa bagged tail. It is expensive but nice. Jeff has the fuselage and is making a mold.
- Ø Mike Farnsworth donated a complete Soar Ace scratch built kit to the Club. Mike said anyone donating \$10 to the Club could have it. Rumor has it that Charlie Kerr bought it but he was the one that gave it to Mike a while back.
- Ø Jay Wiley displayed two planes:



Combat-foamie: Dave's Airworks Foam Wulf 190D, Airtronics Infinity 600 radio system. Added rounded wing tips, installed rudder servo, carbon fiber arrow shafts on both sides of fuse for stiffener and pushrod housings, semi-scale camouflage based on units assigned to fly cover to Me-262 air bases. Red w/white stripe for flak gunner identification. Red and silver monokote over contact cement base (thanks, Jim for the adventure), spray painted olive drab and Major Decal markings. Knocked down Mike's little Meshersmitt on it's first flight!

Tiger Moth: GWS Tiger Moth with GWS flight pack and Nicd and Lith packs. Airtronics Infinity 600 (model 2) added pilot, windshields, flying wires (7 lb test nylon line) reinforced landing gear mount and cross bracing. Du-Bro 2 1/2 wheels, aluminum strip tail skid cover, aluminum strip stabilizer braces, painted with Testors enamel spray paints to match full size G-ADCA based in England, and replica and Old Rhinebeck, NY. Flies great and slopes well, lot's of fun



Ø Dick Rosenberg's Tiger Moth: Hi Jim, Here's what happened with my Tiger Moth. While flying at Ken's I ran into some power wires. Minimal damage to the plane itself but my micro receiver lost one function. I didn't have another, but I did have some mini servos and a Futaba receiver/speed control unit. Since that's all I had, I used them. However they were heavy so, while I was at it, I reinforced the landing gear and added 2 3/8" light rubber wheels. I painted and glued and reinforced the wing struts. All this added more weight so after I finished doing all that I installed an ARCO Speed 280, ball bearing motor

with a 5:1 gear box turning a 9x6 prop. All worked well today until the gearbox froze. I was going to send it back, but instead I took it apart, sanded the shaft with steel wool, used a little white lithium grease and it now works fine. Even better than before.



Ø Mike LaTorre displayed a built up glider that he was finishing. Mike was having so much fun completing it that he opted not to go to Clark's cove for sloping after the meeting.

Ø Small Tiny: Tim Accord showed his small scratch built Tiny. Tim said he used UHU glue stick from Michael's Craft store. Also can get mylar film from Craft Mania for 2.99 a roll. Builds in a couple of hours. Very light and maneuverable. Uses Light Stick gear (2 servos and same motor as your stick).



PRESIDENT'S CORNER: (Jim Armstrong)

What is all this rage about Lithium Ion batteries?

Exceptionally long flights, inexpensive battery packs, and fast charging batteries that hold their charge and work great in freezing temperature.

Lithium-Ion batteries are powering GWS Lite Sticks and GWS Tiger Moths type planes for ~40 minute flights. They are fabulous. If you haven't seen them yet you have got to make it a point to see them. Go to Wednesday glider/electric night at the BAM field. The latest info on ordering the batteries is below:

-----Original Message-----

From: mark@hackettelec.com
 <mark@hackettelec.com>To: John & Jackie Curtis <johnjack@Exploremaine.com>
 Date: Sunday, February 10, 2002 5:38 PM
 Subject: Re: Lithium Battery Packs
 Hi John,

Prices went up just a little. Here they are:

Five 7.2V packs and one charger for \$36.00

Ten 7.2V packs and one charger for \$46.00

Ten 7.2V packs and two chargers for \$60.00

Prices include Priority Mail Shipping

Send Payment (check or money order) to:

Mark Levitt, 613 Plymouth Lane Foster City, California 94404

Or, you can pay with PAYPAL, user ID = mark@hackettelec.com

Regards

Mark



DSC perpetual HLG trophy:



Can't say enough about how fabulous the DSC perpetual HLG trophy is. Mark Higgins wrote a comment at the meeting that captures it well.

Quote of the Month:

"The perpetual HLG Trophy has some kind of great stile." Mark Higgins

April DSC Member only Fund Raiser "Winner pay" Drawing: At the April meeting the following items will be raffled off. If you're interested in putting your name in for the drawing, attend the meeting or let Jim A. know.



- Ø Fokker Triplane \$15.00 Some damage. Designed for rubber power.
- Ø High aspect ratio Glider \$100.00 and includes several servos.
- Ø Hobby Shack "Spirit of 76" 76 inch 2ch foam ARF glider. \$30.00 (includes almost 2 complete kits, vertical stab missing on one of the 2 kits.)



DSC Decals: Special thanks to Mac McLaughlin for providing DSC decals! They are fabulous and Mac has made them in several different colors. Picture on right is one decal on Jeff Carr's VIP

Minot Field: Field Marshall Charlie Kerr sent me a letter and said that he had sent in the AMA insurance form for the Minot field. He stated that the owner will be having Motor Cross Races at the site on these dates: 7/21/02; 8/4/02;8/18/02; 9/15/02; 10/6/02; and 10/13/02. Charlie also said that were all set to use the field for our contests on these dates: 04-May-02 on runway; 14-September-02 on runway; and 19-October-02 on large hay field (like Rick wanted).



Club video VCR/Book library: I picked up a very nice wood bookcase at the landfill. I washed it and painted it with house paint. It has a very wide base and has shelves that are just the right size for VCR tapes and Books. Here is a picture of it.



Mike is revising the Web site soon to include an index of the VCR/Book Library. You should be able to see what we have available and who currently has it checked out. On Easter day Steve Savoie returned several videos. He, Aaron Ashcroft, and Peter Eliot have checked several out since 1996.

Happy Flying,
Jim

DownEast Soaring Club Upcoming Events

Event	Date	Time	Location
April 13 th Club Meeting	Saturday 4/14/02	9am coffee & muffins, 9:30 business meeting, 10:30 Show & Tell.	Bookland Coffee Shop, Cooks Corner, Brunswick, Maine *See Note 1
AMA Open Thermal Duration	Saturday 5/4/02	9am Registration, 10am pilot mtg. CD Rick Hallett (800) 430-3058	DSC Club flying field, Hemond Airport, Minot, ME
No Host Slope Soaring Lobster Festival	Saturday 5/18/02	Participants Choice. Low tide 10:11am.	Clarks Cove Harpswell, ME *See Note 6
May MTG / No Host Slope Soaring Pizza Festival	Sunday 5/19/02	11am – 12am business meeting, Flying before/after at Clark's Cove.	Clarks Cove Harpswell, ME *See Note 6
HLG Contest & Sept. DSC Club Meeting	Saturday 9/14/02	Pilot mtg. 10am. Winches/hi-starts may be available for open flying (not to interfere with HLG)	DSC Club flying field, Hemond Airport, Minot, ME
AMA F3J Hand Tow Contest & DSC Club Meeting	Saturday 10/19/02	9am registration, 10am pilots mtg. CD Rick Hallett (800) 430-3058	Hemond Airport Minot, ME. *See Note 5

1. Breakfast starts as 9:00 in the Bookland Conference Room. The business meeting will start at 9:30 sharp. Show and Tell at 10:30. Members are encouraged to eat breakfast during the business portion of the meeting.
2. For all events held at Clark's Cove: Morse Lobster is planning on having lobsters available from Memorial Day to Labor Day.
3. For all events held at Clark's Cove: Pizza and Subs can be purchased at the Morse convenience store on RT 123, 1 mile past Allen Point Road (1 mile from Clark's cove)
4. The BAM sanctioned Fun Fly event for the summer will be August 17th and 18th come join in the fun. Good food for all.
5. This contest is an AMA sanctioned contest. All AMA requirements apply.
6. 'NO HOST' means no one is in charge of the get-together. Everyone is the own. A 'NO HOST' scheduled on a non meeting day may have no one show up. The biggest reasons for not attending are winds not predicted for S/SW or other plans.



c/o President / Newsletter Editor
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Address Correction Requested