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Jim Armstrong
207-725-5758

Secretary
Larry Smith
207-748-1069



AMA Club Charter #2988

<http://www.downeastsoaring.org>

Vice President
Mike Farnsworth
207-729-7290

Treasurer
Ken McDonald
207-443-3585



NEXT MEETING:

January 12th Club Meeting	Saturday, 1/12/2002	9:00 coffee & muffins, 9:30 Show and Tell, 10 am meeting.	Bookend Coffee Shop, Cooks Corner, Brunswick, Maine
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What's inside?

- Quotes of the month.
- Discussions on DSC perpetual HLG trophy
- Listing of DSC 2002 AMA sanctioned contests.
- Pictures of sloping at the Topsham sandpit.
- Making a slow flyer 9/6 from a 10/4.7
- Pictures of the Xmas party over Jeff Carr's house.
- Rick Hallett's report on sloping & party.
- And more.....

Coming in next month's Newsletter:

- DSC Member Ken Mac Donald in the SPOTLIGHT.
- Rick Hallett's F3J Hand Tow Contest Report
- F3J Hand Tow pictures
- What is all this rage about Lithium Ion batteries?
- Flying in the dark lessons learned. What's next?
- Picture of next fundraiser "Member only raffle."
- Index of Club VCR library, including NEW releases.
- Pictures of the Club video and book library.

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Minutes of the Saturday, 8 December 2001 Meeting

Members

present:

Larry Smith,
Jim Carroll,
Forrest
Sumner,
Rick Hallett,
Dennis
Phelan,



Kenneth Mac Donald, Mark Higgins, Tim Acord, Jim Armstrong, and Chris Fuchs. Guest: Rex Olmstead, Oxford ME. Rex helped out taking a lot of pictures at the F3J contest using the Club's camera.

TREASURES REPORT:

Treasurer Ken Mac Donald reported on the financial status of the Club. Ken said 35 members had paid their dues for 2002.

DSC DUES RENEWAL: If you are sure the information that we have on you is correct, then all you have to do to renew is send \$12.00, payable to the "DownEast Soaring Club", to

Treasurer: Ken Mac Donald
114 George Wright Road
Woolwich, ME 04579

SECRETARY'S REPORT: Secretary Larry Smith reported that he had no correspondence.

OLD BUSINESS

DSC PERPETUAL HLG TROPHY:

- Discussed how the perpetual HLG trophy would be awarded. Decision was made, since it is a trophy that is passed around, that the contest would be open to non-members, but the perpetual trophy would be awarded to the highest placing DSC member in good standing.
- Jeff 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 to have an incentive to get members to provide ideas. The person submitting the design chosen by Brian Lawrence will be awarded a free 1-year DSC membership.
- Send your ideas to Brian Lawrence, 96 Burnham Road, Scarborough, ME 04074. Help the Club and get a chance at getting a free 1-year DSC membership.
- Brian said the following by e-mail:

Subject: Re: DSC perpetual HLG trophy

Jim - looks good to me. X one of the "r"s in Scarborough. People can bring their ideas to the next meeting as well. You might add that I would be making the trophy only out of metal. No carbon. No EPP. Also and maybe even better for me would be a combat trophy with some sort of rules/no rules on winning the trophy. Sorry we didn't see you at the Pit. What an awesome lift day with plenty of breakage and destruction - you always know it was a good day by the sand in the teeth and ears.

Brian

AUTOMATIC RETRIEVER: Background: Motion previously approved to make the Club retriever automatic. We will need some fabrication work done to make this modification. Several people in the Cub have offered their services in the past to do metal fabrication, welding, brazing, etc. We need you now. Contact Tim Acord if you can help in any way with the modifications.



Tim Acord volunteered to work on making the Club Retriever Automatic. Tim said he would work on it at Ken's house on Wednesday Glider Nights. Tim said he would need help when it comes to the welding part.

FUSELAGES AND WING CORES:

Background: Ken Mac Donald said that he had bodies and wing cores that he was given from Ken Baker. He will make list of them and see who wants them. Ken said he has about 15 set of cores that he still needed to put on a list. Anyone interested can view them at Ken's house or give him a call at 443-3585.

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.
Tabled.

FUTURE MEETING LOCATION:

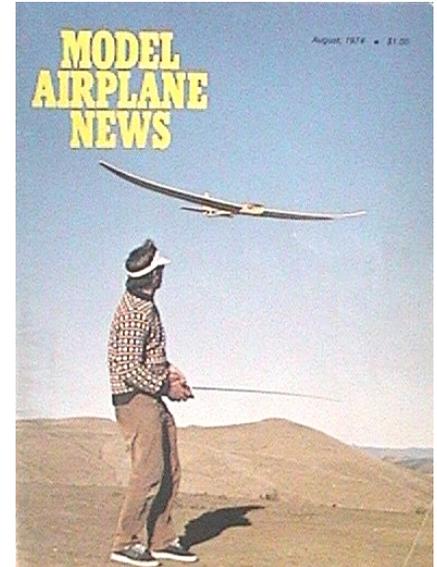
Background: We have permission too have a Cub meeting at Maine Composites in Richmond. In the future we will either schedule a meeting there, or go there after a regular Bookland meeting. Maine Composites will be building composite parts for a 6-passenger seaplane being built by an English Company. Steve said that we should plan on having the meeting there in late spring when the wing skins would be bonded.

JIM TYRIE'S DONATIONS:

Background from Aileron Zone: Jim Tyrie donated several large ticket RC items to the Cub. Jim A. first thought was to put several of the large ticket items on e-bay. One of the items is a Hobby Hawk that is in excellent shape structurally, but is not covered. We could get a big price for something like this. Most likely it wouldn't be from someone in the Club. My second thought was to offer it up to Club members only.

We discussed the options presented. Club members decided to offer it up to Club members only. Several people said they would be willing to pay \$200 for it. So Club members in good standing after the first of the year need to let the Club Officers know that they would be willing to pay \$200 for it. Their names will put in a hat and whoever is chosen pays the price. After the Hobbie Hawk is given away we will decide what price to put on a real nice scale glider.

Collecting names of interested members now. Two people have expressed interest. Drawing will be held at the February meeting. Mike Farnsworth will be running the drawing, so let him know if you are interested (mfarns@blazenetme.net or 729-7290).



New Business

NEW DSC MEMBERS:

Several members stated they knew of people that might be joining the Club this year.

INDOOR LITE STICK FUN FLY:

Mike from Ray & Robin's Hobby Store sent Jim A. an e-mail stating that an event was planned for Jan. 12 2002 (its a sat. night from 6:00 to 8:00). As it turned out the indoor soccer rink was already booked for that night. Mike said he would keep trying to get a confirmed time at the rink and let us know when it is.

GLIDER VCR TAPES:

Jeff made a motion to purchase the Endless Lift III video. Rick reminded us that the Club had already given Jim A. the authorization to buy stuff like this, without formal approval from the Club. Several other new videos were recommended for purchase. Three were on electrics and being sold by Sailplanes & Electric Modeler. Jim took and action to order the tapes that were mentioned.

HEMOND'S AIRPORT:

Motion made to purchase a \$50 gift certificate from Louie's Clothing for Mr. George Hemond. Club wanted to continue to show their appreciation to Mr. Hemond for letting the Club use his grass runway. Motion passed. Club field Marshall Charlie Kerr said he would get the certificate and present it to Mr. Hemond. Thanks Charlie.

F3J CONTEST:

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. It is an area that is hayed but would be fine in the fall for F3J after it has been mowed. Charlie will make sure that the area beside the grass runway is covered under our original AMA insurance coverage of the field.

WINCH THERMAL SOARING:

Mark Higgins mentioned that he would like to do some practicing on the winch and would also like more thermal practice. He recommended several "get togethers" be set up at any site during the good thermal season. Jeff mentioned that he needed a video on winch soaring to show the owners of a potential flying site in N. Yarmouth. He said they were concerned about the noise, etc.

DSC MEMBER ONLY FUNDRAISER "WINNER PAY" DRAWING.

Charlie Kerr donated two planes to the Club. One was a F-16 and the other one was a P-40. Club members looked over the kits. Club members set a good price of \$40 for the F-16 and \$25 for the P-40. If you're interested in putting your name in on these, you need to let Jim A. know.



OTHER TID BITS:

- Tim found a potential DS site. Forrest Sumner knows the owner of the land and will seek permission to try it.
- Dennis Phelan mentioned that the guys from California bury their servo in the front part of the wing and use very small control horns. This cuts down on the drag.
- Ken asked if anyone had plans to a KA6. He has some wing cores and a body, but would like to get the plans. Please check your plans and friends for Ken.
- Rick asked if the Club wanted a tank bearing for a turnaround. Discussions held.
- Charlie Kerr donated a magazine for inclusion with the Hobie Hawk. It is a 1974 Model Airplane News magazine with a colored picture of the Hobie Hawk. It shows Hobie Alter of Hobie Hawk fame doing some sloping with his famous glider that features an elliptical dihedral, extraordinary engineering and superb flying qualities.
- Charlie Kerr showed us a picture of a beautiful mowed grass slope site. After we were all drooling, Charlie told us it was in Germany. What a tease.
- Rick said no one should ever buy a simulator, because the free FMS one is great. An **EXCELLENT Free R/C Flight Simulator** is available on the Internet! The official site of **FMS** can be found on <http://simulator.home.pages.de> (download, forum, etc.).
- Jeff reported that Lithium Ion Qualcom 830 packs were on their way.
- Steve said he might have some low temp pre-preg carbon fiber trimmings for the Club. Will cure on their own in a couple of weeks. Fresh trimmings can be stored for future use in a freezer.

Show & Tell:

- Ken Mac Donald showed us pictures of the Park Flyer propeller saver he was making. You make a U shaped clip out of 1/32 brass/aluminum to elastic band your prop to. With a small shaft, the propeller will move on impact and not break. Rubber bands hold the prop on adequately during



flight. Ingenious idea.

- Dennis described the plane rack he made from PVC pipe for his van. He said it is working out great. People looked at it after the meeting.
- Jeff displayed his new flying wing.



Quotes of the month:

1. When Michael Moore first saw the Clubs EPP trainer he said, "It looks like a ball of tape."
2. "I had a polyhedral WHATEVER" Charlie Kerr. Steve S. said he had one too.

TIP: MAKING A SLOW FLYER 8/7 PROP FROM A 10/4.7



Ken Mac Donald made an 8x7 park flyer prop from a 10x4.7 prop. He used a heat gun to heat up the prop where the prop blade starts to get thicker (i.e., about an inch away from the hub). Then he twisted it in his hand. He matched the pitch to a 9x7 that he already had. Of course he cut the blade down to 8 inches and made a pattern for the tip from the original prop. He used scissors to cut the tip and shape it. It worked great. So if you have a 10x4.7, you can make up any pitch/diameter blade you want.

Aileron Zone: (Jim Armstrong)

MEETING COMMENTS:

All and all it was a very good meeting. People seemed to be enjoying themselves talking about different topics. Don't want to discourage this interaction. Since we would all rather fly than talk lets discuss changing the start time of the business meeting to 9:30 with Show & Tell at 10:30. This way if the weather is good for flying we can cut the meeting short. What do you think?

After the meeting some went sloping at the Sandpit and then to a party at Jeff's house. Special Thank You to Jeff and Brenda. My wife Lynda and I had a real nice time.

MEMBER INPUT:

I passed out paper and pencils at the meeting for Club members to provide input. It provided a way to record things that happened at the meeting for the newsletter. I asked people to write down what they brought in for show and tell and tell a little about it. If they had a recommended quote of the month, then write it on the blank paper. For the first time using it, I received some good input. Thank you.

CLUB VIDEO AND BOOK LIBRARY:

I found a nice wooden bookcase at the recycle facility in Topsham. After cleaning it real good (sprayed it all down outside with a hose), I painted it white. It is working out great for the Club Video/Book library.

Checkout and Check-in is much improved. Easier to find and put things away. Mike is going to make it so people can see what is available by going to the DSC Web Site.

DOWNEAST SOARING CLUB 2002 CONTEST SCHEDULE:

Here is the contest list so far. Because of all the stuff I am working on and the building I want to do, I have decided not to CD an event this year. Maybe there is someone else out there that would like to CD and event (example: glider fun fly).

Event	Date	Time	Location
AMA Open Thermal Duration Contest	Saturday, 5/4/2002	9:00 AM registration, 10:00 AM pilots meeting CD Rick Hallett (800) 430-3058; happ1@mint.net	Hemond Airport Minot, Maine
HLG Contest	TBD	Pilot mtg. 10AM. Winches/hi-starts may be available for open flying (not to interfere with HLG) CD Jeff Carr	DSC Club flying field, Hemond Airport, Minot, ME
AMA Open Thermal RES Duration Contest	TBD	9:00 AM registration, 10:00 AM pilots meeting CD Nelson Frost	Hemond Airport Minot, Maine
HLG Contest & Sept. DSC Club meeting	Saturday, 9/14/2002	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, 10/12/2002	9:00 AM registration, 10:00 AM pilots meeting CD Rick Hallett (800) 430-3058	Hemond Airport Minot, Maine

LITE STICK ORDER: The Order is in and is being distributed. You can order yourself directly from [Little Shop of Hobiees](http://www.littleshopofHobiees.com/) (http://www.littleshopofHobiees.com/). Talk to the owner Phil Delgrosso (Phone: (248) 889-0420) and let him know you are a member of DSC. He will give you a 5% discount on top of some great prices.

WEDNESDAY GLIDER NIGHT:



I have been having a very good time at our Wed evening glider night. We fly Lite Sticks every Wednesday afternoon after 3:30 right from Ken Mac Donald's dooryard. We have a lot of laughs.



WEDNESDAY GLIDER NIGHT PROJECTS:

Whether you're building the RES MAXX or not you're invited to Ken's house on Wednesday (3:30 till 9:00). Ken and his wife Marjorie really enjoy the DSC members and their families. Some people have asked me what to work on. So I have made a recommended list for people to choose from. Priority is RES Maxx participants working on their plane. Next individuals doing their own repair for example. Finally we can list stuff for the Club: -- Repair Club winch (bearing bound?). -- Replace batteries in the Club Poly trainer (Transmitter and receiver). -- Make Club retriever automatic --Will be vacuum bagging the RES MAX wings soon (Ken has his balsa wing skins and is almost ready to sheet his wing).

Happy Flying,
Jim

REPORT ON SLOPING AND XMAS PARTY AFTER DECEMBER DSC MEETING BY RICK HALLETT

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

From: <Happl@mint.net>

To: Soaring Group

Sent: Sunday, December 09, 2001 4:46 PM

Subject: the missing

Thirty (30) percent attended and we had air to fly for about 30 % of the time in spite of me being there. Now if you had not chickened out just because I was coming I wonder how it would have gone? Hmmm!!!! This was a very quiet slope event since Mike was not there to "slice and dice"

I spent probably about 15 minutes total giving enough time to freeze my hands once and use a mitt the next

time. Can you imagine I actually put some time on a slope plane that I had built myself? Tim was so busy trying out his new one though that when I offered he went on flying his. We folded before he had time to fly mine.



But you should have seen Jim (A) fishing. Brought in a one and a half pounder from partway down the slope. With a little more practice he is going to be good at that. I am sure you will have pictures later of that episode. One of those times that we got left in the proverbial "high and dry" half way down the bank. Superman came through though and was going to hop down over the bank and we were going to pull him back but the fisherman got it first. Phew! I was worried about that idea.

Dennis and Jeff were flying their hand launch planes over our heads with the seagulls laughing at all of us. Several times we saw several hundred take off in a swirl upwards. Forest ripped the gears out of his servo before he even got here. Larry flew some but what? I was too busy to notice. Jim did pictures this time.

Near the end of our time there Tim, Jim and Dennis flew electric planes. There were gulls marking the spot nevertheless that was not adequate at times.

We had some kids watching us asking all kinds of questions. I MOVE that we buy two new radios that are buddy box capable and another rubber airplane to go with the one we have. With the two transmitters and planes we should be prepared for circumstances like this. Yes we need two buddy box cords too. A spare for the strain and for misplacing. The "Wednesday night crew" needs to spend some time helping the "pres." get his truck organized to carry our stuff. Dennis had a nice rack as a demonstrator with two dogs to prove it.

As we closed a new gentleman "Bruce" came strolling up the road inquiring about our club with plane and radio in his hand. He had just moved into the area. Intends to join. Said he did not have time to join us at Jeff's place. There coming "right out of the woodwork" to find us.

Thank you Jeff and Brenda for having us again. Meanwhile; Tim, the kid, played on the trampoline out back; the rest of us socialized inside (note Tim we are jealous because we are too old and stiff). I was not very good at it hogging the whole time with Dennis on F3B. Jeff, Larry, Jim (A) and finally Tim joined us in the discussion.

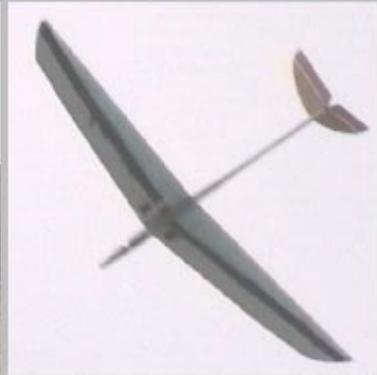
Should have been there. We had a good time.

Rick

HOLIDAY PARTY AT THE CARR'S HOME



SLOPE SOARING AT THE TOPSHAM SANDPIT, AFTER THE SATURDAY, 8 DECEMBER 2001 MEETING



DownEast Soaring Club Upcoming Events

Event	Date	Time	Location
January 12th Club Meeting	Saturday, 1/12/2002	9:00 coffee & muffins, 9:30 Show and Tell, 10 am meeting.	Bookland Coffee Shop, Cooks Corner, Brunswick, Maine *See Note 1
February 9th Club Meeting	Saturday, 2/9/2002	9:00 coffee & muffins, 9:30 Show and Tell, 10 am meeting.	Bookland Coffee Shop, Cooks Corner, Brunswick *See Note 1
March 9th Club meeting	Saturday, 3/9/2002	9:00 coffee & muffins, 9:30 Show and Tell, 10 am meeting.	Bookland Coffee Shop, Cooks Corner, Brunswick *See Note 1
April 13th Club Meeting	Saturday, 4/13/2002	9:00 coffee & muffins, 9:30 Show and Tell, 10 am meeting.	Bookland Coffee Shop, Cooks Corner, Brunswick *See Note 1

1. Breakfast starts at 9:00 in the Bookland Conference Room. Show and Tell at 9:30. The meeting will start at 10:00 am sharp. 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. Floyd Watts is offering full scale glider rides for members of the club. The Cost is \$50.00 per ride. If interested, contact Floyd at (207) 589-4344 or RR Box 305, Liberty, ME 04949
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 on their own. A 'NO HOST' scheduled on a non meeting day may have no one show up. The biggest reasons for not attending are wind not predicted for S/SW or other plans.

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