

President
Jim Armstrong
207-725-5758

Secretary
Mike Farnsworth
207-729-7290

Vice President
Glenn Collins
207-547-2030

Treasurer
John Emery
207-841-4615



AMA Club Charter #2988

<http://www.downeastsoaring.org>

January 2012 issue of the DSC's "Quiet Happenings" Newsletter

Downeast Soaring Club Upcoming Events

Event	Date	Time	Location
DSC January Business Meeting	Saturday, 1/14/2012	Door open at 9 AM, 9:30 AM Business meeting; 11 AM Show & Tell	Topsham Public Library: 25 Foreside Road, Topsham, ME
February 2012 DSC Business Meeting	TBD (Watch your e-mail) Usually 2 nd Saturday of every month during the winter months	TBD (Watch your e-mail)	TBD (Watch your e-mail)

Note: #1 Change to an event will be announced by e-mail and posted on the DSC web site as soon as it is known. Check your e-mail before coming to a DSC event.

MEMBERS PRESENT DECEMBER 17, 2011 MEETING:

James Armstrong, Steve Everett, Mark Higgins, Charlie Kerr, Glenn Collins, John Cheetham, Bob Berry, Dick Rosenberg, John Seredyński, Mike Bergerson, Mike Farnsworth, and Frank Bennett.



TREASURES REPORT:

- Acting treasurer Jim Armstrong provided the DSC treasurer's report.
- Reported that on 11/19 deposited Bob Berry's, 15 cash, and bob Constable and Arthur Aube's dues. Total of \$39 dollars.

SECRETARY'S REPORT:

DSC Secretary Mike Farnsworth informed the Club that he had no correspondence.

OLD BUSINESS:

BAM INFO:

Previously John Seredyński identified that the BAM dues would have to be raised.

Dues for BAM are as follows:

\$40 Open Membership
\$30 Senior Citizen Membership (>64)
\$15 Junior Membership (<16)
\$50 Family Membership (must be same household)
\$15 Social

DSC DUES 2012:

Here is the info on ways to pay DSC dues:

1. Cash: \$12.00 to DSC Treasurer John Emery or Acting Treasurer James Armstrong. See note #1.
2. Check: \$12.00 check made out to Downeast Soaring Club. Check can be delivered in person or mailed to (~~DSC Treasurer, John Emery, 59 Andrea Street, Topsham, ME 04086.~~) DSC Acting Treasurer, James Armstrong, 292 Foreside Road, Topsham, ME 04086. See note #1.
3. PayPal: \$12.50 PayPal payment to Downeast Soaring Club account at DOWNEAST-SOARING@comcast.net See Note#1 and #2.

Note 1: One of the rules of the Topsham library is "The Conference Room may not be used to ... exchange money or other property...." end quote. Therefore, at the Topsham Library, dues may only be paid before or after the meeting in the parking lot.

Note 2: PayPal charged DSC a Fee for every \$12 received. Fee was 67 cents. That is why Dues using PayPal are \$12.50.

FROG KITS:

Previous Meeting notes: At our meeting we discussed the benefits of the Frog. The Club decided to give a free Frog Kit to any Club member who didn't get one. Background from above:

- Steve Everett cut out some Frog Kits for club members. Steve passed them out at the October meeting. Steve, Glenn and Jim donated some foam sheets for the Kits that we are giving to Club member Free. Jim thinks that every Club member should own a Frog or two. It is a fun plane. It Flies in the wind and is easy to repair; in fact most repairs are made at the field with Jim's low temp glue gun that he powers from a car jump start battery. The other benefits of the Frog are it is

CONTINUED: FROG KITS:

- *low in cost, very good combat plane, and is a great beginner plane.*

December Update: Steve Everett said that the Cycle to cut a Frog Kit is about 28 minutes. His electric bill has gone up a lot from the use of the CNC cutter. He felt that \$5.00 a kit would be fair to cover his expenses.

BLUE CORE FOAM:

Previous Meeting notes:

- We discussed asking Steve Everett to cut additional Frog kits. All the foam donated by Steve, Glenn and Jim has been used. Bob Berry made a motion to purchase a package of foam. Seconded by Bob Constable. Discussed. Unanimous; all agreed.
 - Club decided to make Frog Kits for sale in the future. Not sure if a small fee will be added to the cost, as a fund raiser for the Club.
 - Jim said he would look into purchasing the Fan fold. BLUECOR™ Insulation is a thin (1/4") fanfolded extruded polystyrene foam board with plastic film on both sides. Fanfolded 50' lengths are easy to install and work with on the job site. The high-grade polystyrene formulation coupled with the heat bonding of the capsheets (no glue used) permits 90° "folding" around corners without breakage or the need for reinforcement tape.

December Update:

- Jim purchased one package BLUECOR™ Fanfold. Cost to Club for 25 sheets was \$56.25 plus tax 5% = \$59.06 Total. Each sheet will be sold for \$2.50, a few pennies more than cost to round it out.
- Glenn Collins informed us what he learnt about using Krylon Paint: He said: I made a discovery, I used rattle can paint on the fanfold. No it did not eat through it. Just spray multiple light coats on the onion skin. Opens up a realm of possibility.
- Talked about ways to remove the FanFold film. Frank said he just peels it off with an Exacto knife. Glenn said he uses 60/80 grit sandpaper to take it off.
- Glenn said he uses alcohol takes the black markings off Fan Fold.

NEW BUSINESS:

CNC FOAM CUTTING MACHINE:

Mike Farnsworth said he had a lonely piece of equipment; A CNC foam cutting machine that was built by Rick Hallett and is looking for a good home for it. It's free. Mike said if anyone wants it let him know.

WEDNESDAY NIGHT RC BUILDING SESSIONS:

Background: Bob Berry had a suggestion to get together on a Wednesday night to do some socializing/building like we did at Ken Macdonald's. Several members were interested. We could do most of the meetings at Bob Berry's house but also go to other people's houses if invited. Example of reason for meeting would be to go over charging a Lili, Lipo or Life (a123) and to build Frogs to raise money for the Club.

UPDATE:

Bob Berry said that he would be inviting people to his house after the first of the year.

DSC FREE MAGAZINE RAFFLE:

Each attendee was given a free raffle ticket for a Free RC Magazine raffle.

DSC DRAWING LIBRARY:

Jim showed the following drawing, which will be added to the DSC Drawing Library for member checkout.

A day before this meeting Glenn sent out the following e-mail from Glenn:

*From: Glenn Collins Sent: Friday, December 16, 2011 7:19 PM
Subject: Re: DSC Meeting Saturday 17th of December.*

I'm not sure who is the keeper of the plans. At the last meeting I picked up the October 2011 issue of Quiet and Electric Flight. I would like to find the plan for the Raven 2x. Thanks Glenn- see you tomorrow



CONTINUED: DSC DRAWING LIBRARY:

In preparation for this meeting Jim had already chosen the plane that Glenn wanted. Here is the e-mail Jim sent him:

Sent: Friday, December 16, 2011 7:20 PM

To: 'Glenn Collins'

Subject: RE: DSC Meeting Saturday 17th of December.

Hi Glenn,

Wow! What a coincidence. It the plan of the Month.

MW3544 Raven 2X: Designed by Dereck Woodward. A 36" span 200% Scale Model of the 1950's Frog Raven. Frog stands for Flies Right Off Ground. For 25g brushless motors and 3 function R/C. Sincerely, Jim

2012 OFFICER ELECTIONS:

Nominations for 2012 Club Officers were opened. No one, other than current officers, were interested in running for any of the positions. Steve Everett expressed an interest in doing the Newsletter. Jim withdrew his name for Steve Everett. One ballot for this slate of officers was cast and members unanimously voted them in.

DSC 2012 Officers:

President: Jim Armstrong

VP: Glenn Collins

Secretary: Mike Farnsworth

Treasurer: John Emery

Safety Officer: John Seredyński

Newsletter Editor: Steve Everett

LITCHFIELD SPARE TIME HOBBY SHOP:

Jim asked if anyone had been to the Litchfield Spare Time Hobby shop. He showed an Add for the Litchfield Spare Time Hobby shop. No one had been there. Several people expressed an interest in taking a trip to check it out.

2.4 RADIO CLINIC DVD:

John Seredyński donated a 2.4 Radio Clinic DVD to the Club. Bob Berry checked it out. If you want to be next to view this video, let Bob Berry know.

YANKEE SWAP:

we had a Gift Exchange, just like we have done many times in the past. The cost range of the presents were to be \$5.00 to \$10.00, but could be more if you want. If you brought a present you could exchange it for a present. We had lots of laughs.



DSC 2012 DUES:

Here is the info on ways to pay DSC dues:

1. Cash: \$12.00 to DSC Treasurer John Emery or James Armstrong. See note #1.
2. Check: \$12.00 check **made out to “Downeast Soaring Club”**. Check can be delivered in person or mailed to (~~DSC Treasurer, John Emery, 59 Andreea Street, Topsham, ME 04086.~~) DSC Acting Treasurer, James Armstrong, 292 Foreside Road, Topsham, ME 04086. See note #1.
3. PayPal: \$12.50 PayPal payment to Downeast Soaring Club account at downeast-soaring@comcast.net. See #2 and #3.

NOTES:

Note 1: One of the rules of the Topsham library is “The Conference Room may not be used to ... exchange money or other property....” end quote. Therefore, at the Topsham Library, dues may only be paid before or after the meeting in the parking lot.

Note 2: PayPal charged DSC a Fee for every \$12 received. Fee was 67 cents. That is why Dues using PayPal are \$12.50.

Note 3: This PayPal account is used exclusively for DSC funds.

SAFETY OFFICER SPEAKS:

John Sseredyński, DSC safety officer said that you must clear all programming before you put a different plane on that particular channel. The reason for this is you don't know what was previously programed (i.e., setting). It might have A to R mixing, Expo, Dual rates. Some functions may be on a switch. It may fly great until you move the switch by mistake? A problem we have seen several times recently is that you can't move the surfaces to where you want because the setting were off to one side before you even started. First thing to do is clear all settings or reset to default (put to default settings if your computer radio has that feature (some do)). Also set all trims to zero before doing any settings.

SHOW AND TELL OR JUST TELL



- John Seredyński showed a gadget from MPI or Atlanta hobby that you solder to a Deans "T" connector so that you end up with a large solder cup to solder to. This helps a lot if you are using a large diameter wire (e.g., 12 AWG).
- Dick Rosenberg showed us how he reinforced his frog with 1/32 ply and has 4 pieces of foam for fuselage sides instead of two.



- Mark Higgins brought in a wing built from a Mountain Models short kit. Plans and Information are on the Charles River R/C site He brought it in to show the design of the wing. It has been tested on winches at full tilt. It has been proven to be so ungodly strong, because of the D tube construction and the design with carbon fiber on top and bottom of D tube area.



- Steve Everett, our soon to be Newsletter Editor, told us about the process of



laying up and vacuum bagging glider fuselages and wings. He made the molds with his CNC machine. I didn't take any notes because I thought I would have given my notes, info and pictures to Steve in time for him to put out a newsletter. Since I didn't this will be my last one before Steve takes over. In future newsletters Steve will be putting more info and pictures about the planes that he, Glenn and Mike are putting together.

- Jim showed his adjustable Frog motor mount that John Cheetham built for him. You can adjust the motor thrust up or down. You can even shim the sides to change right and left thrust. This helps out adjusting down and side thrust if you change battery weight. A perfectly trimmed Frog at all speed ranges is a pleasure to fly.



- Mark Higgins asked if his compressor could be used as a vacuum pump. People said no. Good tip was that Harbor Freight puts a good vacuum pumps on sale every once in a while for \$75. Harbor Freight has 7 stores in Mass, 1 in NH, 1 in VT and 1 in RI.

- Turnigy Be Found Lost Model Beeper:

- Jim showed this Handy unit will emit a loud beep if your receiver loses radio signal or when the voltage of your models radio system drops below 4v.
- It doesn't work on a receiver that has fail save and some other receivers. Jim said he found a way to make it work all the time. Just connect it to the battery balance plug and it beeps. You can reduce the frequency of the beeps to save power.
- When flying in tall grass it would help find your model too!



PRESIDENT'S CORNER (JIM ARMSTRONG):

The Gambler-AG:

Video of Jack Pignolo's Gambler <http://www.youtube.com/watch?v=BqDNK8iF2R0>. The DSC Club has two gambler kits for sale/ with motor mount. Now is the right time to build one (winter building sessions). Cost is bargain at a Club discount price of \$65 because you save on shipping, motor pod is included and \$20 less than current price. DSC is selling them at \$65. Go to <http://www.wrightbrothersrc.com/> for FMI.



Winter get togethers:

We had been flying on Wednesday up until right before Christmas because the weather wasn't to bad. Because the weather wasn't to good for flying we had a two sessions over Frank Bennett's house and one over Bob Berry's house.



Some of the things we did beside talk, talk, talk, we made up connectors for Bob and Frank, set up Bob's servos to a plane that Frank

gave him, soldered 1 antenna wire that came off of one of Dick's receivers, soldered 2 antennas to receivers for Frank Bennett, made recommendations on alignment of two of Dick's servos, performed wattage test on frank's G32 motor with a 4 cell lipo (drew 42 amp at over 800 watts of power), performed a wattage test of Frank's G25 motor with 3 cell lipo (drew 32 amps at over 380 watts), reviewed operation of a VOM meter, did a capacity test of a lipo (next will be a storage charge), programmed several synthesized receivers, discussed process to use to build a foam eagle and short balsa kit.

Winter flying:

Jay Wiley sent us a link to video he took that shows five members of the KVMA club in Sidney, Maine taking advantage of the warm (42 degrees F) but windy day to fly a variety of gliders with the help of Bob Chapman's powered glider launch plane.

- <http://www.youtube.com/watch?v=M4JPVTUdsNc&feature=channel>

Flight of The Origami Paper Airplane Part3.wmv

See Jack Pignolo's latest creation. It is a Radio Controlled version of a popular paper model airplane. Can you guess which one? Go to:

<http://www.youtube.com/watch?v=6HoNQVt1BB0>

Indoor Flying at Unity College:

From: Vicky Burwell & John Phelan [mailto:filigree@uninets.net]

Sent: Monday, January 09, 2012 7:59 PM

Subject: Indoor Flying at Unity College

Hi All,

First I must apologize for no development of indoor flying sessions this winter. I have had too many major events to allow play time schedule. However the last four flying sessions during Spring 2011 were attended twice by me alone and twice by me and Bob C. So was interest slipping or did everyone have too much?? I knew that one person had to be on the west coast, but

I spoke to Bob C. and got emails from Drew F and Mike B saying they wanted to fly - I know Kody and family are only occasional participants but others could chime in. I will contact the athletic director at Unity College to see if we can line up some flying sessions thru April.

John P.

New frogs are a flying (Sounds like a Christmas song):

- Last month I mentioned that 6 new Frogs have been built and have been flown. This month one more has been started and two others are being planned.
- Tim Will and I flew our frogs during a little snow shower on a pond near his house. You can see Tim flying right in front of him. See the groves in the snow, that were made from our Frogs doing touch and gos and just driving them around for fun. Also, look at my Frog in the bottom right of the picture that made circles in the snow by just flying in a circle and just touching the wing tip to the pond. Cool!!!



Member projects:

- Jack Pignolo said: Attached are three photos of my latest in unusual planes. an old favorite made to fly R/C with electric motor. I will send a you tube video later.

Happy safe Flying,

Jim

