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AMA Club Charter #2988

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<http://www.downeastsoaring.org>

## April 2011 issue of the DSC's "Quiet Happenings" Newsletter

### Downeast Soaring Club Upcoming Events

Event	Date	Time	Location
April 2011 DSC Business Meeting	Saturday, 4/9/2011	Doors open at 9:30 AM; 9:45 AM Business meeting, 11 AM show & tell	Topsham Public Library; 25 Foreside Road, Topsham
May 2011 DSC Business Meeting	TBD (Watch your e-mail) Usually 2 <sup>nd</sup> 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.

## *DSC Meeting Minutes*

### MEMBERS PRESENT APRIL MEETING:

Charlie Kerr, Dick Rosenberg, Bob Constable, Mark Higgins, Pete Upton, Frank Bennett, Fran Carignan, John Cheetham, Mike Farnsworth, Bob Berry, John Seredynski, Glenn Collins, and James Armstrong.



## TREASURES REPORT:

- Acting treasurer Jim Armstrong asked for a volunteer for Treasurer.
- Acting treasurer Jim Armstrong provided a DSC financial report at the April Meeting. He deposited a \$24 check from Frank Bennett for 2 years of dues. He also had the Credit Union make out a \$200 Check for the Club's yearly DSC WEB site's 2011 Web site hosting of DSC site and Domain name registration.
  - Amount paid to Mike Farnsworth for 2010 Hosting Plan of DSC web site (200.00)

## SECRETARY'S REPORT:

- Secretary and DSC web master Mike Farnsworth reported that he posted the March Newsletter and had no correspondence.

## OLD BUSINESS:

## INDOOR FLYING:

An Indoor Flying Session was scheduled at the Unity College gym the day after this meeting. Several DSC Club members planned on attending.

## BAM INFO:

John Seredynski said that several BAM officials felt that the BAM dues would have to be raised. No official action to date.

## NEW BUSINESS:

## SAFETY OFFICER:

DSC safety officer provided some info on Lipo battery safety.

**Subject:** Battery Stuff for meeting

Jim;

We talked about this last meeting but I was unsure of voltage. Here is a notice from Thunder Power. I am sure this applies to all lipos. John Sard DSC Safety officer.

## Winter's Coming Please Read This:

If you need to store your batteries for the winter, we would like to help you make sure they are fresh and flight ready for spring. Li-Poly batteries do not handle being left in the fully charged or drained condition very well. To insure you have good batteries for spring please follow these basic steps:

1. Charge the battery for storage to 3.8v to 3.9v per cell.
2. Check the voltage with a Digital Volt Meter once a month while they are in storage.
3. Re-charge them as necessary to keep them at 3.8v to 3.9v per cell.
4. Keep them stored in a cool, dry area with a stable temperature of 40 to 70 degrees F.

We hope this will make it easy for you to jump right out and resume flying when spring comes.

## ADDING CAPACITORS TO ELECTRONIC SPEED CONTROLLERS:

John Cheetham found a great article on adding capacitors to ESCs. It provided guidance on how many to add and exactly where to install them and why there. If you haven't seen the article you need to read it.

## A123 BATTERIES:

We discussed the experiences that John Serebinski and John Cheetham have been having using A123 batteries. John Cheetham got a 30 minute flight on a 4 cell A123 pack on one of his good size floaters and throttle was at half throttle or more for the entire flight. Amazing. Experimenting is continuing.

## DSC DRAWING LIBRARY:

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



## DSC FREE MAGAZINE RAFFLE:

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



## DSC BOARD OF DIRECTOR ANNUAL MEETING:

Jim reported that prior to this meeting the DSC Board of directors had meeting. The minutes of this meeting are at the end of this newsletter.

## SHOW AND TELL OR TELL

- Glenn showed a discuss launch glider he scratch build. He cut wings on a CNC glider. He wanted to demonstrate that you don't have to pay \$400 dollars for a good Discuss launch glider. He used ONE string going back to control the elevator and ONE string going back to control the rudder. The one string only pulls or releases tension. A bent wire that is imbedded in the control surface always provides tension in one direction. So if the surface (let's use elevator for example) is in the neutral position the wire is



twisted such that it is pulling the elevator down. But it stays in the neutral position because the string is holding it there. Now to go up the string pulls the elevator up, which increases spring/wire tension. Now to go down, the string slack up and the spring tension/wire pull the surface down to give you down. Works great.

- Jim brought thermostatically controlled electric hand warmers that are powered by a 2 or 3 Cell lithium batteries. Jim used them ice fishing and he said they were wonderful. They would be great for anyone doing slope soaring in the bitter cold, or someone who like to fly with floats off the snow or fly off the ice, or someone that likes to fly real early in the morning when the wind is down but the temperature hasn't got up over freezing yet or ?.



In the picture you can see the knob that controls the thermostat and the heating elements that are wrapped around Bob Berry's hands.

- Dick Rosenberg brought in his scratch built **model of the US Air Force SST Super Sonic Transport.**





**PRESIDENT'S CORNER**  
**(JIM ARMSTRONG):**

**AMA re-charter & DSC Incorporation filing:**

Secretary Mike Farnsworth and I will be completing the AMA re-charter and Yearly Club Incorporation renewal for the State of Maine.

**Frog Combat:**

- I'm putting this paragraph in again because I hope that everyone has a Frog this summer.
- This past summer we did combat using the Frog as the plane of choice and Cray paper streamers. Everyone in the Club should own a Frog. Easy to repair and is very stable. Because of this it is a great plane when it is windy.
- Take note of the picture. You can see a piece of Blue Cray paper rapped around John Emery's motor. John scored a point and won the round when he cut my Cray paper streamer. Nice flying John!!!



**Friendly reminder** to check your e-mail before leaving to attend a meeting/event as it may have been cancelled because of weather, sickness, personal conflicts or other reasons.

## **Member Projects:**

- **Bob Berry finished outfitting his scratch built plane and it's ready to maiden.**



- **Dick Rosenberg has almost finished outfitting his scratch built jet. It is a model of the US Air Force SST Super Sonic Transport. He just needs a mount for the brushless motor and it will be completely done.**



**Happy *safe* Flying,**

**Jim**

**ATTENDEES:**

Jim Armstrong, Mike Farnsworth and Glenn Collins.

**Background:** BOD members are the current DSC Officers.

**NEW BUSINESS:**

1. It was noted that the 2010 BOD members Jim Armstrong, Mike Farnsworth and Glenn Collins were re-elected for 2011.
2. President Jim Armstrong noted that the State of Maine needs to be noted immediately if the registered agent for the Nonprofit Corporation Downeast Soaring changes. Mike Farnsworth is the Club's registered agent. The State is notified of other Board member changes during filing of yearly paperwork. Only change for 2011 BOD was putting Jim in as acting Treasurer, as John Emery who resigned as Treasurer in November because he is now spending the winters in Florida. Once a permanent Treasurer is assigned the change will be officially made with the state during the submittal of the 2011 Annual Report.
3. Jim read the officially filed "Articles of Incorporation, with special emphasis on the purpose of the Club and the membership information. It was agreed that the statements were current and being met. Members agreed the Downeast Soaring Club was meeting incorporation requirements.

Respectfully Submitted,  
James T. Armstrong III