

President
Jim Armstrong
207-725-5758

Secretary
Mike Farnsworth
207-729-7290



AMA Club Charter #2988

Vice President
Glenn Collins
207-547-2030

Treasurer
Ken Mac Donald
207-443-3585

<http://www.downeastsoaring.org>

DownEast Soaring Club Upcoming Events

Event	Date	Time	Location
January Club Meeting	Saturday, 1/12/2008	9am coffee/pastry, 9:30 Business meeting, 10:30 Show & Tell (Slope afterwards?).	Bookland Coffee Shop, Cooks Corner, Brunswick *See Note 1

1. Breakfast starts at 9:00 in the Bookland Conference Room. The business meeting will start at 9:30 am sharp. Show and Tell at 10:30. Members are encouraged to eat breakfast during the business portion of the meeting.

OTHER EVENTS (For planning purposes):

1. Great State of Maine Air Show September 6 and 7th, 2008

DSC Meeting Minutes of December 8, 2007



All eyes were on Charlie Kerr opening his Christmas Present.

MEMBERS PRESENT AT THE 8 DECEMBER DSC MEETING:

Glenn Collins, Bob Constable, Charlie Kerr, John Emery, Jim Armstrong, Larry Smith, Ken Mac Donald, and Mike Farnsworth.

TREASURES REPORT:

Treasurer Ken Mac Donald reported that Club Checking account balance was \$526.03. Jim reported that he renewed Quiet and Electric Flight for 2 years.

SECRETARY'S REPORT:

Treasure Mike Farnsworth reported that he had received several items of Club correspondence. Yeah! Mike.

- RC Buyers warehouse, Nashua, NH, rcbuyers.com sent Mike 8 flyer discount certificates good for 10% to 20%. In order to get the discount you must make your purchase in person, with the discount certificate. Two were given away. We still have six left; two for each of the following months: February, March, and April. Let Jim know by e-mail if your interested in receiving a discount certificate. John Emery has been to this hobby shop and said it was a good one.
- Mike Farnsworth reported that the Concord Skyhawks & The Concord Aero Guidance Society were having an auction on Saturday 19 Jan 2008. It is being held at the Bow community Center & Fire station, Bow, NH. FMI 603-224-2078.

OLD BUSINESS:

FOAMY COMBAT/PYLON RACING & COX WARBLER PURCHASE:

November update: Jim brought up putting in a couple of pipes to set the Pylon posts in so we can easily set up the Pylon course. Someone said that a cinder block filled with cement might be a good support to secure post to. Paul Johnson said it would probably be Ok as long as it is flush with the ground (buried). Mark said 10 foot of PVC works good. Jim asked Paul to request permission from the Brunswick Area Modelers club to put in something flush.

December update:

DSC received permission from BAM to place permanent supports for our Pylon course. Here is what was in the BAM November Meeting minutes:

Jim Armstrong requested permission to place the base for a pole on the airfield. Paul felt that a cement block beneath the ground with an opening for a pole would be the best solution. The pole could be removed when its presence is not required for pylon-racing .Poles have a nasty

habit of attracting unsuspecting aircraft when they are left standing about. The group was not opposed to the proposal to construct the pole foundation.

DSC DRAWING LIBRARY:

December Update:

- Jim made a recommendation that he provide Glenn the drawings in clear vinyl sleeves. Previously the Club authorized purchase of sleeves for the drawings. Glenn said he only had a few unused sleeves. Some of the full size planes from magazines have an article with it that should be kept with the drawings. This will help to keep the drawings/articles in a better condition. Club approved purchase. Jim will purchase them and start providing the Plans/Articles in them.
- Jim showed members the latest construction articles and full size drawing that will be added to the Club Library. Jim put the newsletter information/pictures in same format that Glenn Collins used to maintain the Club's Plan index. Jim provided Glenn with a copy by e-mail. Since Jim types the information in the newsletter anyways, it might as well be in a format that can be used by Glenn.

PICTURE	NAME	TYPE	SPAN	DESCRIPTION
 <p>The image shows the cover of a magazine article titled "MonoTwirl". The cover features a photograph of a single rotor electric autogyro in flight. The text on the cover reads: "Al Foss's single rotor electric autogyro is simple to build and fly. Build yours from our free plan!"</p>	Mono Twirl Article included.	Electric Autogyro	Rotor Diameter 23 inches	Single rotor electric autogyro is simple to build and fly. Pitch and yaw controlled by using a conventional elevator and rudder. Full size plans.

	<p>SZD 6X Nietoperz</p>	<p>Scale sailplane with a swept 'Bat-like' wing design.</p>	<p>67 inch span</p>	<p>Near scale model of a Polish experimental flying wing for computer radios using electronic mixing.</p>
--	-----------------------------	---	-------------------------	---

DSC FREE MAGAZINE RAFFLE:

- Congratulations to the December winners who were:

1. Jim
2. Ken
3. Mike
4. John
5. Charlie
6. Glenn
7. Bob
8. Larry



DSC INCORPORATION:

The DSC Board of Directors held a meeting after this meeting. Some items discussed were who maintains incorporation records and what changes needed to be made to the DSC bylaws. Minutes of this meeting included at the end of this newsletter.

DSC 2008 OFFICER ELECTIONS:

Nominations were opened. Current Officers were nominated. One ballot case for current Officers and approved unanimously. Current Officers thank the DSC

membership for their unanimous support.

FUN FLY BAM DONATION:

Background: There was \$21.25 after Jim paid all the expenses from the Gambler/2 meter contest/Electric Fun Fly event . He made out a check for this amount and gave to BAM President Paul Johnson. Jim felt this was appropriate as BAM allowed us to utilize the field and had paid for a lot of bush hogging of the sides of the field which has made utilizing the Hi-starts much more enjoyable, as it is easier to locate and retrieve the line.

December Update:

Jim read the following from the Brunswick Area Modeler Newsletter:
The Downeast Soaring Club gave \$21.00 to the BAM treasury as a payment for using the airfield. Downeast held a successful Fun Fly at the site last month. We thank Jim Armstrong and the others in the club who share our interest in flying.

DSC 2008 DUES: Treasurer Ken MacDonald reminded everyone that 2008 Dues were due as DSC membership runs October to October. Ken reported that Larry Smith and Geoffrey Smith were the last to pay.

NEW BUSINESS:

AMA PLANE IDENTIFICATION TAG:

Jim gave each member an AMA info tag for his or her plane. Friendly reminder: AMA requires our planes to be identified. PLEASE REVIEW AMA MANDATORY RULES.

RAY & ROBINS HOBBY STORE ASKED FOR CLUB MEMBER E-MAIL ROSTER:

BAM and DSC presidents received a request from Ray Labonte via club member Jay Wiley. Here is what it said:

-----Original Message-----From: Wiley, Jay **Sent:** Tuesday, November 13, 2007 12:47 PM

To: James A. **Subject:** BAM and DSC e-mail rosters

Hello,

Ray Labonte has asked if his store could have access to the two clubs e-mail lists for store related activities (specials, auctions, etc) and I told him I'd check with you both and see if it would be acceptable, and if so how to do it.

Thanks for your help. Jay

Club members discussed and major concern was SPAM. So they didn't want the club member e-mail roster released. However, some individuals want the announcements from Ray and Robins Hobby Store, so the following questions were raised:

- Can we go to his web site and add our name?
- Can we send our individual e-mail address to someone and let him or her know we are interested.

Jim said he would raise these questions with Jay.

PLANS CD:

Glenn brought in a several CDs that have all kinds of free plans that he downloaded from different sites on the WEB. He gave the CDs away free to those that wanted them. Plans included Golden Age, Hand Launch, Jetd, Fun Fly, Old timeres and WW1 plans. Dick Rosenberg and John Cheetham wanted to know how to get to the plans on the Comet site that Glenn sent us the link to. He noted that if you went to the web site that has the Comet plans, you have to register and then go to the "File Secton" to view the plans.

PRESENT EXCHANGE (CHINEESE RAFFLE/ YANKEE SWAP):

Yankee Swap was a gigantic success as we had a lot of laughs and some interesting situations occur. Glenn Collins brought a complete RTF RC plane called the Aero Sky Flyer. And as luck would have it Glenn's ticket was the first to be chosen. This allowed him to be the last one to trade his gift, at the end of the exchange, which he did for a digital Volt/Amp/Ohm meter. So the Aero Sky Flyer kept getting swapped as people's tickets were drawn. If you view the pictures in order, you can see how it went. Mike took Jim's picture but it didn't come out. The nice Christmas decorated bag that the Aero Sky Flyer came in isn't in the picture, because it was under Glenn's table when the picture was taken. He didn't know we had a present table, until we counted the presents after we had handed out the tickets and found out we had one more person than presents.

DSC BOARD OF DIRECTOR MEETING: After this meeting a BOD meeting was conducted. Minutes included at the end of this newsletter.



SHOW AND TELL:

- Charlie Kerr brought in a structure that was warped and asked if anyone had a suggestion to straighten them out. The pieces were from a Flair k8 ¼ scale plane. One item was a section where the wing bolts on (center fuselage section). He received several suggestions. We will wait to hear from Charlie as to what worked.



PRESIDENT'S
(JIM



CORNER
ARMSTRONG):

Wednesday night glider get together at Ken Mac Donalds:

Members have been meeting at Ken MacDonalds on Wednesday evenings now that there is not enough sunlight to fly. Members have been reading magazines, telling lies, Ken has been building his Electric mini Telemaster, doing things on Ken's computer, and having coffee to mention a few things. John Ostromecky is going to build his Frog at Kens. Members invited to the fun.

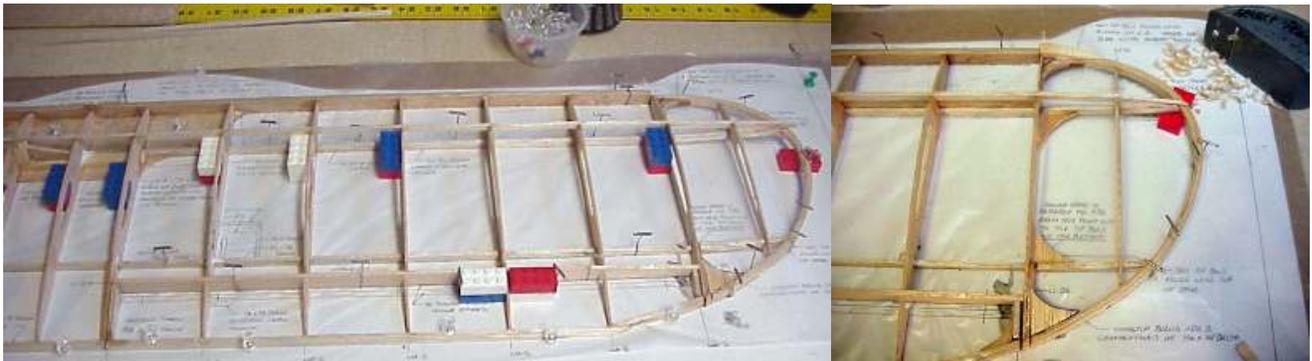
Gamblers:

- We had two more Gambler AG kits available for purchase. They were sold in October. Two more kits have been ordered and will be available soon. With the Club \$10 discount and no shipping, you can pick one up for only \$65 each. Member that have built them say the quality of the kits and all the hardware that comes with the kit make it well worth the money. E-mail me to reserve yours TODAY.

Member projects:

- **60" Ercoupe:**

In the last newsletter I put pictures of Jack Pignolo's winter project, which is a 60" Rubber powered Ercoupe modified for electric power R/C. Here are a few more that show better his interesting use of legos (grin).



- John Ostromecky is building a Frog at Ken's house on Wednesday Glider night at Kens (All Club members welcome). We put a pot of decaf coffee on and have a single cup brewer for those that do not like decaf or Hazelnut. Actually Jim purchased the single cup brewer because all we heard from Paul Johnson was how he didn't like flavored coffee and didn't like decaf and (you get the picture). However, Paul had a cup from the single brew station and said it was good. We used the coffee, creamer and sugar that we had left over from this summer's Fun Fly.

- **Sikorski S16:**

In last month's newsletter I showed John Cheetham latest scratch building project. It was a Sikorski S16 short Kit from Aero dyne. It has a 39 inch wingspan and uses a geared speed 400, on 7 cells. He was covering it then but has completed it now. Here is a picture of it. It cam out great!!:



Planx Plans:

- I sent out an mail to all DSC member with some info on what is in the January issue of Quiet & Electric Flight. It said:

Hi Guys,

Check out the plan below that we will be putting in our library. Who will be the first to check it out?

It is called the "Don't Panic."

Merry Christmas,

Jim

- Allan Wright came back and said:

From: Allan Wright

Sent: Tuesday, December 18, 2007 12:54 AM

Subject: Re: Quiet & Electric Flight - January Issue Preview

Looks a lot like my combat triangle free plan on-line.

<http://pease1.sr.unh.edu/aew/rc/CheapStealth/>

Allan



- Charlie Kerr came back and said:

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

From: Charles E. Kerr

Sent: Monday, December 17, 2007 9:37 PM

To: James T. Armstrong III

Subject: RE: Quiet & Electric Flight - January Issue Preview

I will bet Frank will be the first one. Charlie

More Details of member projects (RE: Glenn Collins e-mail):

Two days after my granddaughter Kelsey was born, I received an e-mail from Glenn. I am sure I got it while I was at my son's house and thought at the time to put it in the newsletter. Well I forgot I had it and came across it the other day. Glenn did bring these items to a Wednesday night glider night meeting. His pictures are real clear and the write up very detailed, so I am putting them in here now for your enjoyment and education.

From: Glenn & Katherine

Sent: Saturday, July 28, 2007 5:29 PM

To: James T. Armstrong III

Subject: Flying in Sidney ME

Too bad about the meeting. Congratulations on your new granddaughter.

I was able to make last Wednesdays glider night. It was good to see the guys. I helped Charlie program a computerized single stick radio for a 3M scale glider he had. Dick and I were able to get Charlie up for a couple flights on the high start. The first flight was a bit touchy because the CG was way

off. Charlie maintained control admirably and the plane settled down to a less than perfect but acceptable landing. "what's the old adage". Once we took the bag of Pb out of the tail and put it in the nose where it belonged the CG was still a little off. Charlie wanted to put his cell phone in the nose but I suggested a rock would do just as well. It flew wonderfully once the CG was set correctly. No thermals at 8:00 at night but still nice to see that old bird circle. Airplane that is, not Charlie in his gold cart.

Here are my latest construction projects that may be of interest to some.

The first is an 18" biplane. The plane was sold as an electric free flight by Harbor Freight. When I was in Vegas on business they had a Harbor Freight store across the street from the hotel. I picked up two of these little guys for \$6 each on closeout. I removed the stock motor and installed the spare 130 motor for the Cox Warbirds. Used the Cox P40 spinner. Added two 3g servos and a 350mAh lipo. Wired the switch and charge jack that came with the plane and got all the gear internal. The charge/switch jack is the same as that on the Cox planes. The push rods are carbon fiber. Stiffened the lower wing with some CF. Weight came in at 4 1/8 oz. Took the first flight at



Wednesdays glider night over the tall grass. Used servo tape and a servo came loose, lesson learned. I settled the plane down in the tall grass safely. Took me 20 minutes to find. Paul had his non quiet electric flying so only when he was down could I hear the servo movement to track down the plane. Flew it again today and it flew great despite a strong breeze. Looks real cute in the air. I carried three planes (biplane, warbird and FF glider) in one hand and my transmitter in the other to my field today. This hobby comes in all shapes and sizes.

My second project has been a free flight glider. Kenny had let me borrow a book that got my interest up. The plans for something similar are available from <http://www.flying-models.com>. Look under Pices Replacement. A great

building and trimming guide is available from <http://www.stevensaero.com/shop/home.php>.

So between info from the two I designed my own. I found the design very clever, incorporating a dethermalizer made from silly putty and a T pin. An elastic band causes the timer to rotate slowly through the viscous silly putty. When the elastic releases a string wrapped around the wing and under the tail releases the tail boom which is sprung with elastic. A tiny screw under the boom in the fuse adjusts tail incidence. I've made a number of good flights once I got the throw down. Takes a fair amount of tweaking to get them set up just right. Actually still tweaking. Still learning about free flight, maybe that's part of it to constantly tweak for the conditions. Last week it DTed and came down in the tall grass. A turkey hiding in the grass jumped about 10' in the air where it landed. Pretty funny, Turkey and plane were uninjured in the collision.



Saw something cool that day. A red wing blackbird was playing with a feather. I noticed the feather drifting down from the sky. The bird would grasp it, fly up and drop it. Then do it again. He did this several times. I don't know if he kept thinking it was a bug or if he was playing.

Glenn

Happy Safe Flying,
Jim

**Nonprofit Corporation DownEast Soaring Club Board of Directors
Minutes of 8 December 2007**

MEETING ANNOUNCEMENT: Meeting was announced by e-mail to every Board of Director (BOD) and to every current DSC member.

-----Original Message-----From: James T. Armstrong IIITo: DSC Members

Subject: Announcement of the DSC Board of Directors (BOD) meeting

Hi Guys, Tomorrow we will be have a BOD meeting as part of the Regular Club Meeting. BOD members are the current DSC Officers. Electing Club Officers tomorrow will also be electing the Board of Directors for 2008.

.....Happy safe Flying, Jim

ATTENDEES:

- Glenn Collins (BOD member), Bob Constable, Charlie Kerr, John Emery, Jim Armstrong (BOD member) , Larry Smith, Ken Mac Donald (BOD member), and Mike Farnsworth (BOD member).
- BOD members absent: NONE

NEW BUSINESS:

1. It was noted that the 2007 BOD members were reelected for 2008.
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. No changes needed for 2008 as BOD reelected.
3. Jim passed out copies of the officially filed "Articles of Incorporation" to each BOD member and read the purpose of the Club and the membership information. It was agreed that the statements were current and being met.
4. Jim passed out copies of DownEast Soaring Club "By-Laws" of 12/24/90 (signed 2/6/91).
5. Jim noted that previously Bob Constable converted the hard copy of the "By-Laws" into an electronic document that can be used to make changes.
6. Jim will make changes to the "By-Laws" and forward to BOD members for review and comment.

**Respectfully Submitted,
James T. Armstrong III**