

President  
Jim Armstrong  
207-725-5758

Secretary  
Mike Farnsworth  
207-729-7290



Vice President  
Glenn Collins  
207-547-2030

Treasurer  
Ken Mac Donald  
207-443-3585

AMA Club Charter #2988  
<http://www.downeastsoaring.org>

### DownEast Soaring Club Upcoming Events

| Event                 | Date                | Time   | Location   |
|-----------------------|---------------------|--|--|
| January Club Meeting  | Saturday, 1/13/2007 | 9am coffee/pastry, 9:30 Business meeting, 10:30 Show & Tell (Slope afterwards?). | Bookland Coffee Shop, Cooks Corner, Brunswick *See Note 1      |
| February Club Meeting | Saturday, 2/11/2007 | 9am coffee/pastry, 9:30 Business meeting, 10:30 Show & Tell (Slope afterwards?). | Bookland Coffee Shop, Cooks Corner, Brunswick, ME *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.

## *DSC Meeting Minutes of December 09, 2006*

(As recorded by Jim Armstrong)

**MEMBERS PRESENT:** Bob Constable, Dennis Phelan, Glenn Collins, Bob Berry, Mike Farnsworth, Charlie Kerr and Jim Armstrong.



### **TREASURES REPORT:**

Ken MacDonald couldn't make the meeting as he wanted to take his lovely wife Margery to a few Christmas sales. He did call Jim the night before the meeting and say that the treasurer's report should state \$836.13 in the checking account.

President Jim Armstrong reported the status of the Club's Pay Pal account. Below lists the balance as of 17 December 2006.

Currency ?

Available Balance ?

U.S. Dollar:

\$244.78 USD

**SECRETARY'S REPORT:** Secretary Mike Farnsworth reported no correspondence.

However, He said he had 5 keys made for the sandpit gate. He recommended we have a deposit so that we can get them back.

Mike also said he paid his 2007 DSC dues and gave Ken the bill for the keys and hosting the DSC Web site.

## OLD BUSINESS:

### FOAMY COMBAT:

Background: Ken said that he did not have an update from Bud Greenleaf. Glenn et. al. are looking into making a profile plane because there wasn't enough interest in the Cox warbirds.

November Update: There is renewed interest in the Cox Warbirds. John Emery saw the Cox warbirds in pylon racing at NEAT fair. John's son competed and had a ball. John, Frank and Fran now have Cox warbirds.

Most of the members present would be interested in pylon racing. Plans are to try pylon racing in the spring so it will give people time to get a plane if interested. Editor's note: Don't forget to ask for one for Christmas.

**December Update:** Jim Armstrong asked Jay Wiley, who works for Ray and Robins, if Ray and Robins would make a group purchase from Cox. Jay said that they don't deal with Cox.

Jim said he contacted King's Mountain RC in Orrington, ME as he heard from DSC member John Emery that it was a good store to deal with. The owner said that if Jim sent him the e-mail from Cox he would contact them and see what he could do for us.

Here is what John Emery said: Hi Jim:

That is the place in Orrington - Warren; the owner is a real nice guy and he will do anything he can for you. In addition, his prices are right. Although I haven't bought anything from him lately (distance) I highly recommend doing business with him if you can get to his shop.

John Emery

Also one of the new member's from BAM John Cheetham told Jim that he has done business there and highly recommends it. You can contact King's Mountain RC at 934 Center Drive; telephone #207 825-5593.

## CLUB GLIDER:

Background: The club needs a couple of standard servos for the Bird of Time. The micro servos keep stripping. Mike offered to donate two standard servos. (Jim can drop by anytime to pick them up...)

**December Update:** A day after the meeting, Mike Farnsworth dropped off 2 standard servos to Jim for the Club's Bird of Time. Now since Paul Johnson graciously maintains the Club's Bird of Time somehow the servos need to be given to him. Maybe when he gets the bands for his prop saver and The Special air hose adapter he let Jim borrow.



## DSC DRAWING LIBRARY:

### BACKGROUND:

- At the last meeting, the Club approved taking the drawing out of the two Club magazines and make them available for member check out. Both Fly RC and Silent Flight International have some great drawings. Basically it would be a shame if the drawings were thrown away. Motion made, seconded, discussed and passed. Jim is making an index as he files them in a 3 ring binder. The index will be published in the member only section. It cost a lot to order drawings so this would be just another benefit of belonging to the DownEast Soaring Club
- At this meeting Jim showed the binder and several of the drawings that were in it housed in clear sleeves. He said he needed more sleeves to house all the drawing. Members approved purchase.
- April UPDATE: Jim showed members some of the drawings that members can check out and the new sleeves they are in.
- July update: Jim has been adding the free plans that the Club has been getting from Fly RC and Silent Flight International. Book of plans was passed around at the meeting. Jim said that he would make an index of the plans for checkout and include a picture of each plane. This would allow members to see a picture of the plane so they can decide what to build. Glenn Collins volunteered to make the index and include pictures of the planes

### November update:

Glenn is going to work on the index and will put pictures of the drawings in using a new scanner he just got.

**December Update:** Jim provided several more drawings for the DSC Club Drawing binder. See picture for items added this month. Glenn to put a picture of the planes in an index so people can choose something they would like to build.



## DSC INCORPORATION:

The DSC needs to update its bylaws as part of the incorporation process. Jim has a hard copy but does not have an electronic copy. Bob Constable volunteered to type up our current bylaws to get

them into an electronic format. Jim should snail mail or send him a copy. Mike volunteered to be the "Agent".

July update: Paul Johnson told us that BAM has been incorporated. The state wants to know how membership is derived. In BAM a member is determined by his paid up dues which gives them voting rights. This allows them access to the Club's facilities.

November Update: Jim found the By-laws and passed them around at the meeting.

***December Update:***

Jim said he would be meeting with Mike to discuss revising the bylaws. Bob Constable volunteered to put the old hard copy of bylaws into an electronic file so it can be revised. Thanks Bob.

**DSC PATCHES:** Background: Bob Constable was wondering about caps and/or patches with the DSC logo on them. Mike said that someone should be pursuing this idea. The club may be able to get a bunch of patches made and sell them to members for cost plus \$1.00.

July update: Looking for the someone. Any volunteers.

November update: No one has volunteered.

***December Update:*** No one has volunteered.

**STAUER WATCH AUCTION:**

Background: Jim sent an e-mail to everyone telling them about the watch donation by Fran Carignan. Also the watch was showed at the October and November DSC meeting.

November Update:

Glenn did a search on the Web and found that this same watch was going for \$150. Watch was passed around. Bob Berry made a bid for \$35.00. At the December meeting the Auction will end. The highest bid will get it if bid more than \$5 over previous bid. So be present or send your bids to Jim Armstrong before the meeting.



***December Update:*** Auction opened and watch sold to Bob Berry for \$35. Special thanks to Bob Berry for purchasing the watch and especially to Fran Carignan for the donation to the Club. The \$35 will be sent to Club treasurer Ken Mac Donald.

**WEDNESDAY GLIDER NIGHT:**

Background: After we turned back the clocks we started to meet at Ken Mac Donald's house. Ken described those meetings as "Everybody talking at once and we all had coffee." Some of the going on: Bob berry brought his slow stick with a brushless to be checked out and is building a Foamfly.com Shark. Fran and Frank

brought their Cox planes for viewing. Dick Rosenberg brought some items to be checked out. John Ostromecky brought his Slow Stick to build and is going to build a Frog. Jim brought purchases from Allerc, Balsa products and Rchotdeals. Paul Johnson came by to share some good tips. All club members are welcome.

*December Update:* Jim showed pictures of some recent get togethers.

## **DSC 2007 OFFICER ELECTIONS:**

Last meeting: Jim, Ken and Glenn said they would continue with their Officer duties if elected. Jim said he would contact Mike Farnsworth and see if he will continue to perform the Club's secretary duties. If all officers are interested in running again, and no one else runs for any of the positions, 1 ballot will be cast for the current officers and voted on by the Club members.

**December update:** Nominations opened. Dennis Phelan made a motion to cast 1 ballot seconded by bob constable. Unanimously passed.

Officer election results are:

President: Jim Armstrong

VP: Glenn Collins

Secretary: Mike Farnsworth

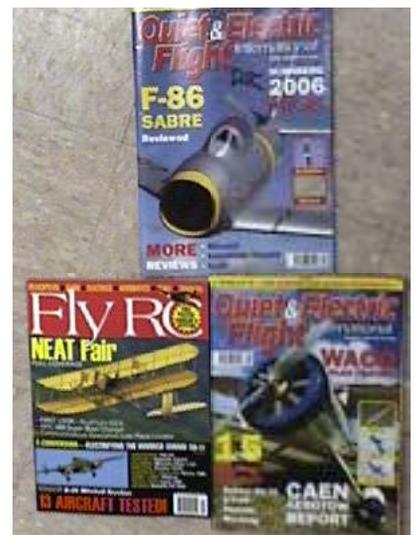
Treasurer: Ken Mac Donald

## **DSC FREE MAGAZINE RAFFLE:**

- Five Club magazines and two donated by Bob Constable were raffled at this meeting. Winners were all 7 people at the meeting.

## **50 INCH HLG LIMITED CLASS COMPETITION:**

Background: Talked to club member Allen Wright and he tells me that he is coming out with a new design to meet the 50 inch HLG Limited Class Completion that is gaining a lot of popularity. Sounds like a good item for Wednesday Theme night. Jim, Glenn and John have a gambler. Anyone else? In the past Allen has given Club members a little discount and no shipping cost if I pick them up for you when I'm in NH. This is an item everyone should have. Inexpensive and lots of fun. Check it out at: <http://www.wrightbrothersrc.com/>



### **Gambler-AG Announced**

We are currently working on producing our first batch of our latest refinement of our most popular kit - the Gambler DLG. The new Gambler-AG should be available for order some time in March and includes the following improvements:

- AG36 airfoils designed by Mark Drela
- Increased span to 50" to maximum allowed span for limited class competition
- Improved laser-cut wing hold down assembly
- Stiffer Avia boom
- Increased polyhedral for better turning response
- laser-cut trailing edges
- Improved rib design to allow flush D-tube and center section sheeting
- Modified rudder mounting position for straighter launches

We would like to thank Mark Drela, Oleg Golovidov, Phil Barnes and Northeast Aerodynamics for their help with most of these improvements. For those looking at a sneak peek at the Gambler-AG you may download the new instruction manual to see some of the changes. If you would like to be notified by e-mail when we are shipping the new kits you may e-mail us at [sales@wrightbrothersrc.com](mailto:sales@wrightbrothersrc.com) to be put on our waiting list.

- Glenn Collins took up Allen Wright on his Club discount. He ordered a Gambler DLG at \$10 off. I will be picking up a Gambler AG for him so there will be no shipping charge. Anyone else?



### ***November Update:***

Motion: Jim said that since this is a glider Club, he would like to see the Club purchase 2 Gambler AG Discuss Hand launch Gliders and keep them available for a quick purchase by Club members. Jim said he could purchase them and pick them up if the Club approves (and save the \$5.00 shipping costs, plus they get a discount from Allen Wright for being a DSC member). They could then be advertised in the club newsletter, on the Web and also sold at Club meetings. This would be a great way to get a one design DHLG started. If we start now we could get some interest in building them this winter at glider night or individually during the winter building season.

After discussion motion passes unanimously. Charlie Kerr, Jim Armstrong and Ken Mac Donald said they wanted one. Glenn Collins said that he is building one and to check out Ezone Active discussions group which has a lot of instructions on building. Glenn said that the instructions are very good but beginners may get some additional tips from Ezone. Jim will pick up 5 kits and have the Club's 2 available for sale at the club December meeting.



***December Update:*** Jim said that he and the Club owed a big thank you to Allan Wright for bringing the Gambler AG Handlaunch kits to him in NH during a torrential rain storm. Ken, Jim and Charlie bought one and the Club bought 2 to sell at the Club meetings. Allan gives DSC members a \$10 discount and because Jim picks them up there is no shipping charge. At the meeting Mike Farnsworth and Dennis Phelan bought the last two. Two more will be purchased for the Club when Jim goes to NH again. If you want one of them please let Jim know.

# NEW BUSINESS:

## **SANDPIT KEYS:**

Mike provided 5 new keys. Keys were made from an original key, so they should work great. Only a couple of the keys originally copied by Mike worked. It is believed that the people with working keys are Mike, Larry, and Glenn. If there is anyone else with a working key from the original batch please let Jim know. Steve Savoie, Frank Bennett, Fran Carignan, and Jim Armstrong will be getting a new key. If anyone else wants one, please let Jim know



## **THE AIR FORCE MUSEUM FOUNDATION QUARTERLY MAGAZINE:**

Bob Constable donated about a dozen "Friends Journal" published by the air force museum foundation. Lots of short stories from fighter pilots/bomber pilots/gunners/crew men about raids/bombing runs/ encounters and things like that. Lots of interesting history stories (documentaries), from their eyes. Magazine comes out 4 times a year. Members went through them and took home the ones they wanted. Thanks Bob.

## **CHARLIE' KERR'S MOMENT FROM THE PAST "A TRUE B29 DIRTY BOMB":**

After hearing about the true stories in the "Friends Journal" Charlie Kerr said he would tell us one. He was in the radar room on B29 during the war. Prior to a run the mess hall make 11 bag lunches for each B29. The rule was that the first guy to use the onboard toilet had to clean in when they got back. No one wanted to clean it so they devised a way around it. They would take their lunch out of the bags and put them in a box such that each person knew which one was theirs. Now do you see where this is going? They would use the paper bags to do their duty rather than get the latrine dirty. After they were done doing their duty they would just lay them gently on the inside of the bomb bay doors. Now when they opened the bomb bay doors to drop the bombs, you know where the bags fell. Now you know why the title of this paragraph is "**A TRUE B29 DIRTY BOMB.**" This statement and a lot more were said at the meeting and most I can't repeat here. I'm sure you can come up with some too. Have fun with it.

**LITHIUM BATTERY SAFETY:** Mike Farnsworth talked about equalizing lithium batteries using a Common Sence Ultra-balancer 2-6 Cell Lithium Polymer Batter pack balancer from [www.CommonSenseRRC.com](http://www.CommonSenseRRC.com). It will equalize the cells when charging. Shows a red light if undercharged and green when fully charged. It will equalize even if the battery is not being charged.

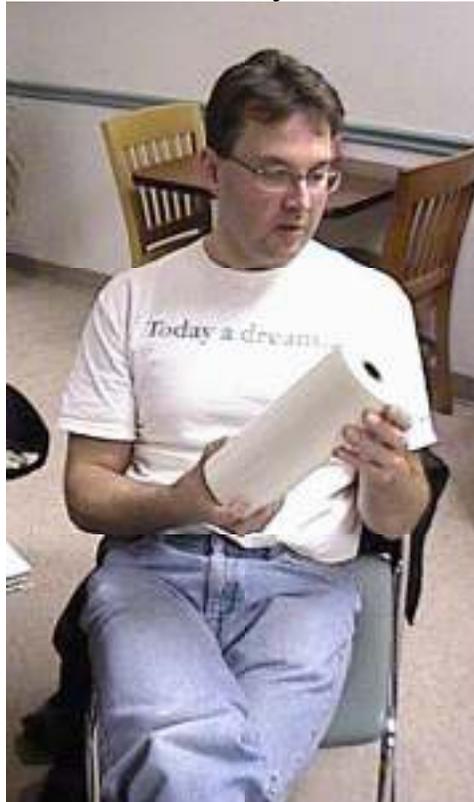
# SHOW AND TELL:



- Jim brought in a plane given to him from a new BAM member John Cheetham. John also gave Jim several other planes that he gave to Frank Bennett, Fran Carignan, and his grandson. The reason he brought this in for show and tell was to show the clear covering that was used. John uses it on all his models because it is much cheaper than the other coverings. It

is sold by Model Research Corporation.

- Glenn Collins showed us some document laminating material that he bought off e-bay. He bought 2 rolls and gave one to the Club for the people to use to cover their Gambler HLG. Glenn has been reading about this material on-line and has read good reviews on it. It may be the same material that is sold by MRC.



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

### **DECEMBER MEETING:**

The December meeting was a lot of fun, except that I was re-elected for another term as your president. Just kidding, I'm very glad to be re-elected president and to be the Club newsletter editor.

We had some good discussions and I was worried that we wouldn't end the meeting at 11 AM as required by Bookland. In fact we did end exactly on time and as soon as we opened the door to the Conference room two ladies came in to use it. The coffee shop is a very busy place at that time in the morning. My wife Lynda told me that there is a new bookshop in the little Mall across from the Navy Base. I hope it doesn't affect Bookland and our ability to meet there. I registered our request to use the Conference Room at Cook's Corner Bookland for another year.

Dennis Phelan went home with a digital meter I brought for the present exchange and I went home with a nice mini servo from him. Lots of other nice gifts too.



Getting into the present exchange is voluntary. One person didn't participate and that is OK. I want to make sure the fact that if we do have this every December it doesn't keep anyone away from the meeting. As I said it is voluntary. But if anyone isn't coming because of it I won't have it next year. Please let me know and your name will be kept confidential.

### **SUMMER MEETINGS:**

The only way I'm able to be President is to have a VP that is willing to take over the meetings during the Summer, as I am unable to make the Saturday meetings because they conflict with my horseshoe league. Last year and Years before we were lucky to have Mike Farnsworth and Glenn Collins as our VPs to do the job. Special thanks to them again.

As I said in the last newsletter (but who reads the newsletter?), because the record shows that member attendance is down in the summer, I propose we go back and schedule some summer meetings at Clark's cove. We can do some sloping if the wind is right. Or if not much wind we can slope the Gamblers and do some Hand Launch Gliding. Because of all the new million dollar homes in the area we shouldn't do any type of flying that might cause us to lose permission to park there. So I don't think we should fly electrics there for example.

The meeting can be scheduled on the web site and newsletter with the caveat that a member e-mail will be issued prior the meeting stating whether or not it will occur. Several Clark cove meetings were only attended by me and another person or two because of questionable weather. I felt that I should go because it was scheduled. In the future if members are too busy to attend, the weather is bad or iffy, for example the president will issue an e-mail canceling the meeting.

If we have any pressing Club business we can schedule a meeting on a Wednesday night Glider/Electric night and announce the meeting by e-mail. Making changes like this to the meeting schedule need to be addressed in the revised Club By-laws.

Scheduling some meeting on Sunday will allow me to come back from NH and attend the meetings and fly afterwards.

If you agree with these proposed changes to the summer meeting schedule, Please let me know. If you don't, Please let me know too.

### **WEDNESDAY GLIDER/ELECTRIC NIGHT:**

We have been meeting at Ken's house on Wednesday nights since the time change rather than flying at the BAM field because of loss of daylight. Good news is that by the time you read this daylight will actually be getting longer. Hard to believe but true.



- Ken is shown aligning the wing on his new project. It is a Pitts Special Acrobatic slow / Park Flyer from Check Republic Michael Sir. Motor is a Mabuchi 300 geared Potensky 5:1.

- Frank Bennett, Paul Johnson and Fran Carignan, are shown viewing some of Frank Bennett's drawings.



- Bob Berry and John Cheetham are looking at Bob's new Foamfly.com project called the Flying Shark.



- Frank Bennett is holds on of his many projects he is working on now. It is a laser cut Aqua Star Sea Plane A-502 from Herr Engineering corp. Frank said it is a real nice kit to put together and highly recommends it. It is a real nice float plane. Frank is going to put in Tower Pro brushless 21 motor in it. Should be a real nice flyer.

## DSC MEMBER SCRATCH BUILDING PROJECTS:

- Here is John Emery's scratch built Twinkle. John built one for one for himself and his son Mike really liked it so John built him one for Christmas. It is powered by a brushless outrunner. John said this little plane flies really great and can be flown off grass, snow and water. Editor's note: The Club has the plans to the Twinkle if anyone is interested in building it too.



- Frank Bennett scratch built a Parakeet from a plan in the February 1987 Model Aviation Magazine. Sporty Bi-plane without attitude is claimed. It has a 42 inch wingspan and is designed for a .25 cu.in. Gas motor. Frank is going to electrify it with a Tower Pro brushless 18 in it. Frank made a lot of the part lighter by downsizing the size of the balsa parts. Example; He used hollowed balsa where it showed block balsa. Used 1/16 for 3/32 balsa. Used 1/8 where it called for 3/16. Frank say it is still real rugged.



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

From: Glenn & Katherine [ ]  
Sent: Tuesday, December 19, 2006 5:43 PM  
To: jamesiii@suscom-maine.net  
Subject: gambler

Nearly completed my gambler. Still need to put the gear in. The laminating film worked well for the wing. Used colored econocote trim sheets on the bottom for visibility.



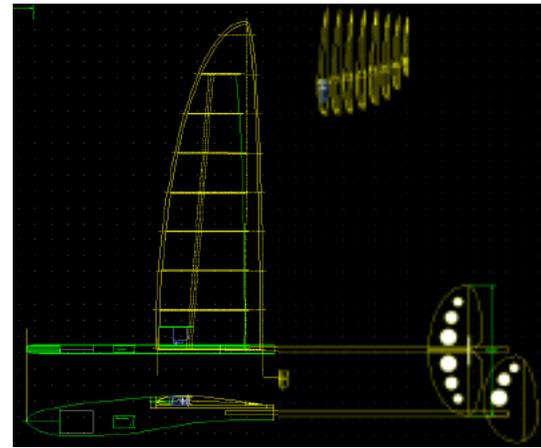
On my previous gambler the trailing edge bent up after a number of hard launches. Used gussets at each rib. Seemed to stiffen the wing torsionally quite a bit. So may prevent this problem with minimal weight addition. Glassed the polyhedral joints as well. Also found cutting the kevlar cleanly

for the tail nearly impossible. I would suggest using fiber glass unless one has kevlar shears. Trailing edge sanding can be time consuming. Used a straight edge laid on the ribs as a guide and used a plane to shape the TE quickly. The last little bit I sanded.

Have been drawing up my own design for a 40" built up HLG loosely based on the Apogee. Attached an image.

Hope your gambler builds are coming along fine.

Glenn



### **DSC VIDEO LIBRARY CHECKOUT PROCEDURE:**

One of the benefits of being a member of DSC is access to Club's extensive Video Library. Winter is a great time to view some of the wonderful videos that we have. There is another one that I will be ordering soon that just came out.

Eventually the video list and checkout procedure will be put in the "Member Only" section of the DSC Web site and only current members will have access to it.

Happy Safe flying,  
Jim

P.S. CHECKOUT PROCEDURE included below:

## **DSC LIBRARY CHECKOUT PROCESS:**

1. Members can view what is available by going to the DSC Web Page.
2. All you have to do to obtain an item is send an e-mail to the librarian Jim Armstrong (or call) to let him know what you're interested in. He will let you know if it is available. The listing on the web site will be periodically updated as to who has what video but isn't real time.
3. Let the Librarian know how you want to get. Options are: A. Pick up at a meeting if you let him know a few days before that you are going to be there. B. Pick it up at his house. C. Pick it up on Wednesday night glider night. D. Pick it up at a contest/fun fly.
4. The librarian will update the master list on his computer to indicate who has checked out an item.
5. Items should be returned directly to the Librarian and not given to someone else. This is because we have lost track of several items. There is one exception to this. The person, who has the item checked out, can give it to another Club member, but must put out an e-mail to the Club listing saying who they gave it to. This is because Jim's computer has crashed several times and if other people get the e-mail on who you gave it to we may be able to recover the information.

**NOTE:** Index of DSC library was included in the November 2006 newsletter.