

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
April Club Meeting	Saturday, 4/14/2007	9am coffee/pastry, 9:30 Business meeting, 10:30 -11:00 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 March 10 2007

(As recorded y James Armstrong)

MEMBERS PRESENT:

Jim Armstrong, Ken Mac Donald, Glenn Collins, Dick Rosenberg, Frank Bennett, Nelson Frost Charlie Kerr, Fran Carignan, Bob Berry, Steve Savoie, Dan Flynn, and Bob Constable.



Picture: Not shown Nelson Frost, Photographer Jim Armstrong, and guest Fielder Mattox.

GUEST: Fielder Mattox from the Portland area attended as a guest and expressed an interest in joining the Club.

TREASURES REPORT:

Treasurer Ken Mac Donald reported that the Club had \$361.13. PayPal Account Balance is \$244.78.

SECRETARY'S REPORT: Treasurer Mike Farnsworth was not present as he was at a scouting event with his son. He did tell Jim prior to the meeting that he had "No correspondence".

OLD BUSINESS:

FOAMY COMBAT/PYLON RACING:

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 was not 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: Do not 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 do not 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 person 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

In addition, 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. E-mail address is Kingsmountainrc@aol.com

January update:

Foamy Combat:

Tabled due to greater interest in Cox warbird pylon racing.

Glenn Collins reviewed the following correspondence that Jim Armstrong received from Warren at King's Mountain RC. Member interest in Cox warbird pylon racing is still there. Talked about the \$89 ARF compete kit. Bob Berry relayed that he heard that when people ordered complete kit they did not have the ability to select a channel. Dan noted that with the cost of cheap servos and receivers it was not all that great of a deal. It does provide convenience for some flyers who do not mind the limitations.

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

From: Kingsmountainrc

- Hello, I had not heard from u folks so I thought the interest faded (lol). One of your guys was here the other day on his way through Bangor. I just e-mailed COX to get hooked up with them and yes, there should be some room for a group discount. Not sure how long it will take for them to respond back, but keep in touch and I will let you know as soon as they do. I am also calling them today when they open to ck. Thanks Warren
- I just spoke with Cox Products and they are sending me the paperwork .should be 5 days she said and another for me to get it together. Thanks Warren

February Update: Jim called Warren at Kings Mountain RC (934 Center Drive; telephone #207 825-5593. E-mail address is Kingsmountainrc@aol.com). Warren said that he had a hard drive crash so he did not get the paperwork that Cox wanted to him as fast as he thought he would. He said for Jim to resend his e-mail address as he lost all he had.

Warren of King's Mountain RC sent Jim 2 e-mails: He said:

- Gosh the only update I have is that I sent the paper work in and am waiting to get ok'd I guess. In fact, they wanted photos of my building in/out so thanks for reminding me.
- Hello again. Cox just e-mailed me and said photos are ok and the paper work has not got there as of yet. So should be in good shape with them middle of next week. As summer is coming , spring will be here in 2.2 weeks. lol my left knee says so. lol

March Update:

- Glenn sent out an e-mail to Club members to see who wanted to get in on the group Cox Warbird purchase. When Glenn talked about who ordered one so far it was noted that he had not got the e-mail from Charlie Kerr and Bud Rowland. He will look into why and send out another e-mail asking members to respond again. There was a question as to what came with just the plane kit and the RTF (Ready to Fly) version.
- Jim mentioned that Glenn had asked him if we knew what the price would be from Warren at KingsmountainRC as members were asking. Jim sent Glenn the following e-mail with a copy to Warren at KingsmountainRC.

Hi Glenn,

No, we do not know what the actual price will be. Warren at Kings Mountain RC will find out what COX group discount will be when he places the order. I hope that Cox will give us a good discount. If we knew what it was, maybe more people would order and some might even buy two.

Warmest regards,
Jim

- **Jim stated that after receiving a copy of the above e-mail, Warren at KingsmountainRC responded with the following 2 e-mails:**

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

From: Kingsmountainrc

Sent: Monday, March 05, 2007 1:50 PM

To: jamesiii@

Subject: Re: DSC Group discount

I can assure you folks that u will be happy with the discounts I send to you.
Warren.

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

From: Kingsmountainrc

Sent: Monday, March 05, 2007 1:51 PM

To: jamesiii@

Subject: Re: DSC Group discount

They will all say OH! My word how does he do it? Lol

- Jim mentioned that he attended the Brunswick Area Modelers' March meeting and received permission from the Club to include BAM members in the Cox Warbird Pylon Racing event. Glenn will work up a document explaining the group purchase and inviting BAM members to get in on the order. This should help us get a better discount.

DSC DRAWING LIBRARY:

BACKGROUND:

- At the last meeting, the Club approved taking the drawing out of the two Club magazines and making 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 three 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 will put a picture of the planes in an index so people can choose something they would like to build.

January Update:

Glenn reported that he has begun working on this. He also relayed to the members a great web site: www.theplanpage.com. This site has hundreds of old time plans taken from the pages of old modeling magazines like Model Airplane News, Air Trails etc. All from the 30s and 40s. The articles are included. The site also includes about 40 Earl Stahl plans. Most of these plans could be converted to electric. I also relayed that I have a very useful software tool called ISIPLOT. Well worth the \$8.50. Available from www.profil2.com. The software can take image files like this and scale them accurately to any size. The images are tiled over multiple pages with index marks in the corners so the pages can be taped together to create a full size plan. I offered club members that I would be willing to print out any of these drawing to the desired scale and send them the plan.

February Update:

Jim provided another construction article and full size drawing for the Club Library. It is of a Desoutter Mk1. See picture in newsletter. Glenn has started working on the index of plans that Club members can check out.

March Update:

- Jim provided two more construction articles and full size drawings for the Club Library. One was of a Boing B-17 and the other was of a 3D Tension. See pictures in newsletter.
- Glenn has the index almost done. He said it was quite big when text was scanned. He will put it in a PDF file and we will post on the Club Web site in sections/parts to keep the file size manageable. Nelson Frost mentioned a way to scan text-using OCR, which would reduce the size of the download file. .



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.

January Update: Because of the Holiday’s Jim and Mike have not met but will soon.

February Update:

- President Jim Armstrong reported that he had made out the Incorporation paperwork and had Club Officers sign the forms at the meeting. He used the information provided by Matt Dyer and the State of Maine Incorporation Department. Form will reflect that Club Board of Directors (BOD) will consist of a minimum of three, up to a maximum of five members. Members reviewed the purpose of the Club and what the requirements are to become DSC members. Jim will add Non Flying member requirements to it. Then he will get a check from Treasurer Ken Mac Donald and mail the application to the State of Maine.
- Bob Constable put the official hard copy of the club Bylaws into an electronic Word file so they can be revised to reflect the BOD and update it to reflect current Club desires. Thanks Bob!
- The Club needed to establish a Board of Directors (BOD) for the incorporation and revise the Club Bylaws to reflect this. Discussed best way to establish a BOD. Nelson Frost said the Skystreaks Club bylaws state that the clubs Officers are the BOD. He said he would send Jim a copy of their bylaws for review.

March Update:

Jim reported that he added non-flying member information to the application for incorporation. He read what he wrote to Lois in AMA Club Services and she said it was correct. Ken Mac Donald provided \$40.00 check for the application fee. Jim made copies of the application at Staples and will provide to Club Secretary for safekeeping. Application mailed

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.

January Update: Glenn reported that Jim Armstrong volunteered and will provide details at next meeting.

February Update:

Allan Wright gave Jim the idea to use Café Press for members to order Club Hats with the DSC logo. Allan explained the process of setting up an account.

Once you open an account, you upload your graphic to them and they use it to make the item you want. Special thank you to Allan Wright for his help and to DSC webmaster Mike Farnsworth for adding the Café Press link to the DSC Web site for member use.

Jim could have added a fee to each item so that the Club could make some money on each sale but did not. The cost is their lowest fee. He would rather see the members get something at the lowest cost available. DSC dues have been \$12 a year since Club inception in 1990. We have been able to fund expensive Club items like the Club camera through the generosity of Club member during Club fundraisers, donations of items to the Club for sale with the proceeds going to the Club and other ways.

Jim spent hours trying to find the Club graphics used for the Club T shirt. Since we purchased T-shirts from AMA, his computer has crashed once because of a driver and a second time because of a defective hard drive that needed to be replaced. He has thousands of JPG files on backup CD. The files are pictures of Club meeting, Club flying sessions and Club member pictures that they sent him for example.

Club members can go to www.cafepress.com/downeastsoaring or to the DownEast Soaring Club Web site to get to Café Press to order a Club hat or T-shirt.

March Update: Bob Constable ordered a hat and a DSC coffee cup and said both came out nice. So far, his coffee cup has been washed in a dishwasher and it came out nice. Items were delivered within 5 days.



DSC FREE MAGAZINE RAFFLE:

Congratulations to the March winners who were Charlie Kerr, Jim Armstrong, Dan Flynn, Dick Rosenberg, Bob Constable, and Frank Bennett.



[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 am 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 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 two 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 five kits and have the Club's two 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 two 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.

January Update: Jim's note to Glenn said that he picked up 2 Gambler AG Handlaunch kits for sale to Club members and also picked up a Gambler AG wing kit for Dan Flynn. At this meeting, Bob Constable purchased one of the two Kits. The club has shown great interest. I believe there are 8-9 kits purchased by club members. Almost got Larry to buy one too. Glenn also relayed discussions of up starts for HLG launch. Lots of good discussion of gambler, building, and design experience. Good segway into Charles TE jig (see show & tell for jig info).

February Update:

- Mike showed club members his completed Gambler. He did it in 3 to 4 nights. See Show and Tell section.
- Larry Smith took a Gambler kit after a little persuasion.
- When Jim picked up the last batch of Gambler AG DHLG from Allen Wright, Allen said that he would like to donate a prize when the Club has a Gambler event. Event can be held latter in the summer to give everyone a chance to complete his or her kits. As Mike said, kits can be built in 3 to 4 evenings.
- Glenn's Gambler AG DHLG only needs to be covered. See picture above.

March Update:

- Allen Wright provided the tip below on cutting Kevlar and a request to get together this summer for a Gambler contest/fly in and he will bring a prize.

-----Original Message-----From: Allan Wright
Subject: Cutting Kevlar

The newsletter referred to people having trouble cutting Kevlar. I have found if I rough up the blades on some cheap \$10 scissors they grab the Kevlar better and cut it cleanly. They still cut everything else fine too.

For those of you looking for a more refined solution, check out this post on the E-zone.

<http://www.rcgroups.com/forums/showpost.php?p=6946688&postcount=7>

Thanks for all of the club's support regarding the Gambler. Let us get together this summer for a Gambler contest/fly in. I will bring a prize.

Allan Wright

- Two more Gambler AG Kits were picked up from Allen Wright while Jim was in NH. At the meeting, Nelson Frost purchased a gambler AG kit.
- Picture shows John Cheetham holding Jim Armstrong's Gambler AG. As a favor to Jim, John completed it to this stage and did a wonderful job. John just loves to build.



SUMMER MEETINGS:

Jim asked Glenn to bring up the following for discussion at the January meeting:

The only way I am 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. Alternatively, 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 should not do any type of flying that might cause us to loose permission to park there. Therefore, I do not 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 to busy to attend, the weather is bad of 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 do not, Please let me know too.

At the January meeting, we reviewed Jim's above idea. People agreed. There was some discussion that if one Saturday was bad for flying. If we choose to fly on another Saturday that month, club business could be discussed then. There was still some confusion on access to Clarks Cove during non-club meetings perhaps Jim could review the standing Clarks Cove policy? Sunday meetings still do not work for most people.

February Update:

Club continued the above discussion. Consensus was that a change would be good. Glenn said he could run some Saturday meetings and Jim said he would run some Sunday meetings at Clark's cove. Jim said he would try to come up with a schedule that would mix things up so members could make a meeting on the day of the weekend that they are available.

The meetings that are schedule at Clark's cove 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 to busy to attend, the weather is bad of iffy, for example, the President, or Vice

President can issue an e-mail canceling the meeting. This will work great because all members have an e-mail address.

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.

March Update: Further discussions tabled till Jim makes some changes to the meeting dates.

NEW BUSINESS:

DSC AMA RE-CHARTER FOR 2007:

- Jim reported that Club Secretary completed the AMA Club re-charter AMA paperwork and signed it. Jim picked up a DSC check from Ken MacDonald and gave Mike a \$150 check made out to AMA for the DSC Club re-charter and to insure the Minot Field and the Topsham sandpit. It now cost \$60 per site for insurance.
- At the last meeting, we asked our Field Marshall Charlie Kerr to let us know if the Minot field is still a good thermal field. Here is his report:

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

From: Charles E. Kerr Sent: Thursday, February 22, 2007 8:35 PM
Subject: Hemond field

JIM. I talked to Don Hemond. We can use the East end of the runway anytime. However, I think we should keep him advised when we have dates set. The Motor Cross track now includes some of the upper field plus parking. The week of July 4, he expects more than 3000 people plus cars and motor homes. Should be able to hear the noise all the way to your house!!!!!! Charlie

DSC OFFICIAL NAME CHANGE:

Over the years, there has been confusion as to the actual name of the Club. It was registered as Down East Soaring Club but many of us referred to it as DSC (Downeast Soaring Club). In

fact, you will see some spelling of the Club name like this “DownEast Soaring Club” so we could use the acronym DSC. In making out the incorporation paperwork Jim wanted to clear up any confusion on the Club name/Club acronym so he called AMA on 17 February 2007. He new there was another Club with a similar name and figured that is why we had to spell it that way. He was told by Lois in AMA membership services that there was a Club called Downeast Soaring Society; but if we wanted to change the spelling of our Club name to Downeast Soaring Club, we could. Jim said yes we did and asked what we had to do to change it. Lois said we were all set and that she would make all the necessary changes.

DSC WEB SITE FORUM:

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

From: Mike Farnsworth

Sent: Thursday, March 08, 2007 12:14 PM

To: James T. Armstrong III

Subject: Forum

Jim,

I have killed the ability for users to add themselves to the forum. We were getting killed by spam bots. You are now a moderator and should be able to add people (new members).

Mike

SAFETY ITEM:

Club safety officer Steve Savoie brought up safety of lithium batteries. In 2006, FAA recorded six fires in cargo areas from lithium batteries. In the near future you will see some changes with checked luggage that have lithium batteries in them Not only are lithium batteries in wide use on cell phones, game boys, and lap tops for example, they are becoming widely used in Radio Control. Not only for the electric flyers but powered flyers too. They use them with voltage regulators to power receivers and to power transmitters.

- In fact, Jim has seen lithium packs specifically designed for transmitters that use the long square packs. The instructions say to take them out to charge them, which open up some real safety concerns. It would be easy to charge one of these Lithium packs in a transmitter on the wrong charge setting which would lead to a battery explosion.
- Glenn Collins asked people if they saw the video on Lithium explosions. He sent everyone in the Club the link. He said they experimented with ways to contain a

Lithium fire. One of the best ways was using a cinder block with a bag of sand in a plastic bag on top of it. The fire melted the plastic, which then allowed the sand to fall onto the exploded lithium and helped to contain the fire.

CLUB FUND RAISER SILENT AUCTION:

Background: In a past newsletter, Jim said the following:

One of the ways we keep our Club dues by raising funds through the generosity of Club members by them donating things to the Club. Below is one item that will be sold with the proceeds going to the Club treasury.

From the January newsletter: Bob Constable brought down a set of very nice flying wing cores cut by Rick Hallett. This is the last available wings cut by Rick. Bob would like to auction it off next meeting and give the proceeds to the club.

Jim wants everyone to have an opportunity to make a bid on it. What I would like to discuss at the next meeting is putting a fair price on it and let everyone know what it is.

March Status:

At this meeting, Club members set a \$3.00 price to the flying wing blue foam cores donated to the Club. Jim will send an e-mail to current Club members to see who is interested. Then anyone interested at that price can let Jim know. Once he gets at least one bid, a time limit for bids will be set and communicated via e-mail. Then only the names of those interested will be put into a hat and we will draw out the winner's name.



SHOW AND TELL:

- Glenn said he was working on a plane that was he was covering with the clear doculam (document laminating material) that he donated to the Club Gambler AG one design. He told us of way to add color to the clear doculam. He put on colored tissue over the clear covering by sticking it on with a glue stick and then let it sit for 30 minutes to set up. He then went over it with future floor POLISH that has an acrylic in it. It came out very nice and has the surface of a doped colored surface.

- Fran brought a plane built by John Cheetham and powered it with a Tower Pro 2410-12 brushless motor. 18 amps speed controller and 1100 Mah 3 cell lipo battery. Test flight will be soon.



- Bob Berry showed us his scratch built electric seaplane. It was built from some old plans that Frank Bennett had fall out of one of his magazines. Frank said it is called a “Laughing Whale”. Bob explained the particulars of the plane. In the picture to the right, you can see a pilot with his eyes WIDE open. Bob said that is how his eyes would look if he were in the pilot seat.



- Bob constable showed us his Fazer 2, 65 inch electric glider. It has a S 7038 Airfoil and weights 22 – 26 oz. It required only the fitting the rudder to the fuselage and installation of radio equipment. The stabilizer/elevator is already hinged, and simply bolt onto the fuselage. You only need to install the pushrods in the fuselage.



The wing has ailerons on the outer panel and they are finished and hinged. The wings have servo bays installed and the wiring is installed and ready for the servos. This is one of the finest examples of the excellent work that is done in the Czech Republic.

You can fly it in the smallest fields, even in a parking lot! The 65" wingspan with the high aspect ratio wings makes for a very clean flat glide and the thermal performance of the Fazer 2 is the best we have ever seen in this size sailplane.

- Nelson made a donation of arrow shafts to the Club. He explained how they rate the carbon arrow shafts. He gave us quite a primer on them. Thanks Nelson



- Miss Hanger One Flying Boat: Background: Frank Bennett liked the looks of Hobby Lobby's Flying boat and was thinking of buying one. Jim bought a Miss Hanger One RC flying boat and made copies of the pieces out of Blue Fan Fold foam. He stopped working on it because of other priorities so he gave the pieces to Frank. Frank used these pieces and made templates from the original Kit and is making one for himself and Fran Carignan.

Update: Frank brought his completed Miss Hanger One Flying Boat in for show and tell. He had it painted up real nice. Jim showed the video of it flying on his computer. Frank is using a "Sticky Antenna" in place of the receiver antenna wire. Makes a real nice installation. Initial test flights showed no glitching or loss of signal. Frank explained all the particulars on it. It has elevons consisting of two right elevator/ailerons and two left elevator/ailerons and also a rudder on the left and right outside sides.



- Jim flew his 9.5 gram helicopter. It is controlled by an IR (Infared) transmitter. You get a RTF Helicopter with Lipo battery and electronics installed. Transmitter uses 6 AA batteries (not included). Charger is built into transmitter - charge light indicates when charged. Uses infrared for control. You have Up/Down control and Left/Right control. Comes with a pare tail rotor and nose tape. The flight battery is sealed in the foam and is not accessible. You must switch off flight battery when not in use or the battery will become damaged. Jim said it is lots of fun to fly. As John LeClair told him, it can really take a beating.



PRESIDENT'S CORNER (JIM ARMSTRONG):

DSC Newsletter Editor Jim Armstrong loves to get comments like this.

From: Allan Wright [mailto:allan.wright@comcast.net]
Sent: Sunday, February 25, 2007 10:38 AM
To: James T. Armstrong III
Subject: Re: February Newsletter

Wow! Jam-packed full of content! Allan Wright

Gamblers:

We are out of Gambler Kits again because Nelson Frost purchased one at the March meeting and John Emery purchased the last one latter. I will have to pick up two more kits for DSC to have on hand per the Club wishes so that we will have them available for quick purchase.

I brought my gambler for "Show & Tell" at the Brunswick Area Modelers Meeting. I explained the various launch options (bungee, powered piggyback, Side Arm, Discus, Javelin, and light toss for sloping). The e-mail below identified John Emery's intent to purchase a Gambler:

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

From: John Emery [**Sent:** Saturday, March 10, 2007 11:46 AM]
To: James T. Armstrong III
Subject: Gambler

Hi Jim:

For whatever reason, I may be interested in one of the Gambler kits. I have never got involved in any type of glider but I am always looking for a change of pace. Do you have any of the kits left and if not, can you get any more. Also let me know what equipment is used and I know from the BAM meeting last Tuesday night, that they can be hand launched or with some type of high start. Give me any additional scoop that might be helpful.
Thanks.

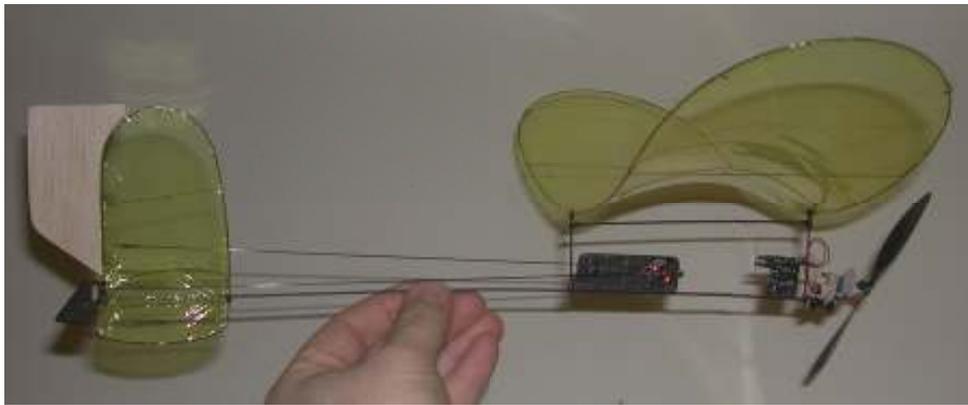
John

Aerodynamics Model Aircraft: Bud Rowland sent me this link to the Aerodynamics for Model Aircraft site <http://www.mh-aerotoools.de/airfoils/index.htm>, which is about model aircraft and their aerodynamics. Worth looking at.

Member projects:

1. When Jim met Allan Wright in NH to pick up some Gamblers, Allen was on his way to an indoor event in the Boston area. Jim saw the plane below in Allen's car and asked him about it. It is called a Morse Flyer - 12g. Allen sent me a link to this info on it. Allen says: Rudder surface has since been colored black. It's large for a LRF, but VERY maneuverable and forgiving. I let anyone and everyone fly this at all my clubs. It's pretty much indestructible and a gem to fly. Gear is the Plantraco starter set with the exception that I replaced the starter set prop with a WES carbon prop from Bob Selman.

Construction is a wrapped 1.3mm CF tube from Homefly.com and some .020 pulltruded CF rod. All balsa is 1/32 contest, covering is Crystal Reynolds Wrap (I'm a cheap SOB) and rigging is Kevlar strands pulled from some 1.4 oz. Kevlar cloth.



Oh, and yes the plane does turn right as well as it turns left, the pilot just doesn't.

Videos of flight:

<http://pease1.sr.unh.edu/aew/rc/Morse/Morse.wmv> - (4mb) Flying over a conference table

<http://pease1.sr.unh.edu/aew/rc/Morse/Atrium.wmv> - (17mb) Flying in a multi-story atrium

<http://pease1.sr.unh.edu/aew/rc/Morse/Atrium2.wmv> - (17mb) Flying in an office, out the door, into an atrium.

P.S. While most of the time the Micronauts fly in a gymnasium, this is the first Micronaut plane to fly in the Cambridge Armory's mens room (latrine)!

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

<http://www.rcgroups.com/forums/showpost.php?p=6977230&postcount=121>

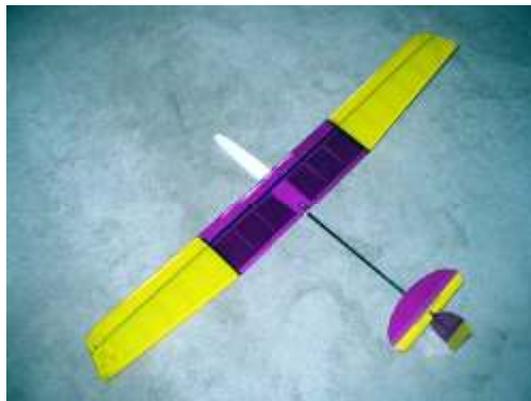
<http://www.rcgroups.com/forums/showpost.php?p=6994870&postcount=137>

2. Frank Bennett is completing a Boeing - Stearman PT-17 Kaydet primary biplane trainer.

It is a plane that was used during WWII for training 1943 - 1944. Last standard bi-plane made for the Army and Navy. Currently they are in big demand for crop dusting and aerobatics. He is doing it for Fran Cardigan. Fran is going to power it with an electric Brushless Motor.



3. John Emery has completed constructing his Gambler AG and only has to put in the gear to complete. John hopes to make the April meeting and will bring along his Gambler AG for show & tell.



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.

(NOTE: Index of DSC library was included in the November 2006 newsletter)

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 are 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 is not real time.
3. Let the Librarian know how you want to pick it up. Options are:
 - A. You can 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 whom they gave it to. This is because Jim's computer has crashed several times and if other people get the e-mail on whom you gave it to we may be able to recover the information.

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



c/o President / Newsletter Editor

James T. Armstrong III

Stamp Here

Name
Address
City, State, Zip