

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
May Club Meeting	Saturday, 5/12/2007	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.

**Minutes Preface:** After the meeting, some members, and guests went to see Frank Bennett's Flying Boat "Miss Hanger One" fly. It flew great with the added wings that Frank made for it. It flew without wings too. Just not as stable in the wind. Franks said it resembles a butterfly with the wings. Everyone seemed impressed at how nice it flew. In fact, Dick Rosenberg asked Frank to make him a kit of it for him.

Then Jim Armstrong, Bob Constable, Larry Smith, and Clardon went to Tim Horton's for lunch before they went to the Portland Promenade to try their luck at some sloping. Even though the wind was pretty spotty at times they still were able to fly at times and really enjoyed the flying that they did had. It was definitely worth the trip.

### **DSC Meeting Minutes of April 14 2007**

(As recorded by James Armstrong)

**MEMBERS PRESENT:** James Armstrong, Mike Farnsworth, Nelson Frost, Frank Bennett, Larry Smith, Dick Rosenberg, Paul Johnson, Glenn Collins, Charlie Kerr, John Emery, Bob Berry, Ken Mac Donald, and Bob Constable.

Guest: John Cheetham from Topsham and Clardon, who is temporarily working in Portsmouth, NH, attended as welcome guests.



### **TREASURES REPORT:**

Treasurer Ken Mac Donald reported that the Club had \$559.13. PayPal Account Balance is \$244.78.

**SECRETARY'S REPORT:** No Correspondence. Mike mentioned that he got a flyer for a RC Swap meet may 5<sup>th</sup> at cape code. in Dennis mass. Mike received the AMA sanction and Club roster changes.

# 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.

## **April Update:**

- Glenn made out the list and had 8 people on the list. The meeting day was deadline for letting him know if you wanted to get in on the group Cox warbird purchase.
- Discussed how to pay for order. If we don't get the exact cost, we will ask people for a down payment and the Club would make up the difference. When item(s) are picked up the remaining balance would be do. Motion passed

## **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](http://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](http://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:**

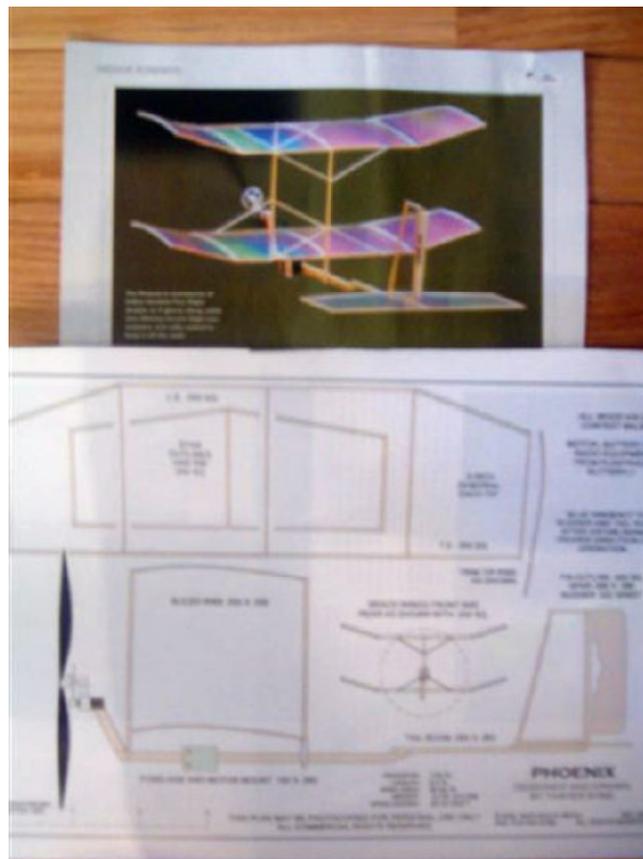
Jim provided another construction article and full size drawing for the Club Library. It is of a Desoutter Mk1. See picture in newsletter. Glenn has started working on the index of plans that Club members can check out.

### **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. .

### **April Update:**

- Jim provided two more construction articles and full size drawings for the Club Library. One was of an indoor electric flyer called the Pheonix that would interest any micro flying enthusiast.



- The other plane, Electro Aviator, is an electric-powered sport model that is easy to build and fly and just right as a first plans project. It has rudder, elevator, throttle, and ailerons. Wingspan is 38 inches with a wing loading of 9.5 oz/sq ft.



Glenn said that he sent out the PDF file of the plans we have to date. He will send to Mike to post on the Club's web site.

Glenn had plans on 2 CDs with several copies for people. Ask glen to elaborate.

### [DSC FREE MAGAZINE RAFFLE:](#)

Congratulations to the April winners who were Larry Smith, Ken Mac Donald, Glenn Collins, Bob Constable and Charlie Kerr.

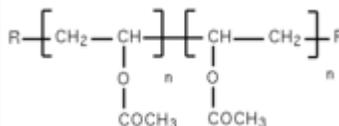


Discussed some items in the magazines given away:

- A RC Report magazine had a construction article on a glider launcher attachment for a Powered Plan. Jim saw a lot of merit in this idea and wanted Powered enthusiast Paul Johnson to check it out. Might be an option he would like to use to launch member Hand launch gliders. Bob Constable won this RC Report Magazine that John Cheetham previously gave to Jim. Bob will provide copies of this construction article.
- One of the Silent Flight International showed the use of PVA adhesive to cover EPS foam with brown paper to give it strength with minimal weight penalty. Someone at the meeting said PVA was just regular Elmers glue and they were right. PVA is:

## Polyvinyl acetate

From Wikipedia, the free encyclopedia



- Polyvinyl acetate or PVA is a rubbery synthetic polymer. It can also be referred to as PVAc. It is prepared by polymerization of vinyl acetate, also referred to as VAM. Partial or complete hydrolysis of the polymer is used to prepare polyvinyl alcohol. Hydrolyzed alcohol product is typically in the 87% to 99% range (converted PVA). It was discovered in Germany by Dr. Fritz Klatte in 1912.
- PVA is sold, as an emulsion in water, as an adhesive for porous materials, particularly wood. It is the most commonly used wood glue, both as "white glue" and the yellow "carpenter's glue", the former also used extensively to glue other materials like paper and cloth and also holds cigarettes together. PVA is widely used in book making and book arts due to its flexibility and because it is not acidic like many polymers. Elmer's Glue is a popular brand of white PVA glue sold in the United States.
- It is a common copolymer with more expensive acrylics, used extensively in paper, paint and industrial coatings, referred to as vinyl acrylics. It can also be used to protect cheese from fungi and humidity. It is slowly attacked by alkali, forming acetic acid as a hydrolysis product. Boron compounds like boric acid or borax will form tackifying precipitates.
- PVA is also commonly recommended for use in making papier-mâché.

## **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.

## **April Update:**

Jim reported that the incorporation paperwork was sent back because of an omission. The one thing that needed to be added was weather] or not non-flying members (i.e., associate members) had voting rights. Jim revised the paperwork and sent it back.

## **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 Golivodov, 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 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.

- Jim said:

We are out of Gambler Kits again because Nelson Frost purchased on 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

## **April Update:**

Mike Farnsworth asked when we should have a Gambler event. It was noted that the weather was going from winter to summer. People thought May would be to soon. So far, one is ready to fly and two near ready to fly.

## **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.

#### **April Update:**

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

## DSC AMA RE-CHARTER FOR 2007:

### April Update:

Secretary Mike Farnsworth said that the DSC AMA 2007 Charter and 2 (two) Club field insurance certificated had been received.

### 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.

### April Update:

Jim said wing cores were high load blue foam and not the regular blue foam people are used to. This is the expensive stuff. He asked if anyone was interested in making the \$3.00 firm bid price that the Club members set. Hearing none, Jim made the firm bid. So now, members will be notified. Editor's Note: Subsequent to the meeting, Jim sent an e-mail to all DSC members. See e-mail below.



- A GO Brushless brushless motor kit was donated by Bob Constable. Bob said that even though he started to wind it, there is enough unused wire to wind it from scratch. It

comes with instructions. Club discussed what would be a bargain price to set for the kit. The Club came up with \$4.00. Jim asked who wanted to be put in for the \$4.00 firm bid. Glenn Collins said he was. So the drawing will be at the next meeting. Glenn's name and anyone else that sends Jim an e-mail by the Friday before the meeting, or who attends the meeting and puts their name in, will be included in the drawing. Subsequent to the meeting Jim sent an e-mail to all DSC members. See e-mail below.

Hi Guys,

So far, I am the only one that made a \$3 bid for the donated flying wing. Guidelines are once a person makes the bid set by the Club, other Club members have until the day before the next meeting to send Jim an e-mail telling him to put their name in the hat for the wing or make the bid at the next meeting. Only the name of the person's interested will be put in a hat and the winner drawn from it.

Let us see what happens with the wing.

The second item is a brushless motor kit, from GO Brushless. Bob Constable donated the kit and said that even though he started to wind it, there is enough unused wire to wind it from scratch. It comes with instructions. The Club set a \$4.00 firm bid price for the motor. Glenn Collins made a bid at the meeting so other Club members have until the day before the next meeting to send Jim an e-mail telling him to put their name in the hat for the brushless motor or make the bid at the next meeting. Only the name of the person's interested will be put in a hat and the winner drawn from it.

Let us see what happens with the wing.

Happy safe Flying,  
Jim

**NEW BUSINESS:**

**AMA PATCHES:**

DSC Secretary passed out the AMA Officer patches. Mike made a face when Jim took the picture of him with the Safety Coordinator's patch and it wasn't very favorable; so the Newsletter editor cut it off. OH! The power of the pen or should I say the power of the mouse (grin).



## SHOW AND TELL:

- Dick Rosenberg brought in his Southwind glider that he added Fowler Flaps too. He replaced the flaps that came with the kit. He purchased them from Hobby Lobby and they are to simulate real fowler flaps. For the size of the flap, it gives you more of an effect.



- Bob Constable displayed some decals he made using a decal maker. He bought the decal kit from Wal-Mart. It comes with a program, instructions, fixer spray, and some decal paper. It is a starter kit and Bob said you really need to upgraded the program on-line

like he did to do the graphics designs that we would want. You can purchase 5x8 sheets online. Bob used the DSC logo to make the decals. Bob was nice enough to give everyone a DSC decal. The decals are water transfer decals and there is a fixer spray that makes them water SOLUBLE.



- John emery brought in his completed Gambler AG that he has flown. He told us about how he changed some covering, putting lightning holes, and shaved the boom to get the weight down. Weight now is 7.2 oz. 6.6 to 6.9 are what some have been getting. He flew it before he made the changes to make it lighter and noticed it does fly better at the lighter weight.

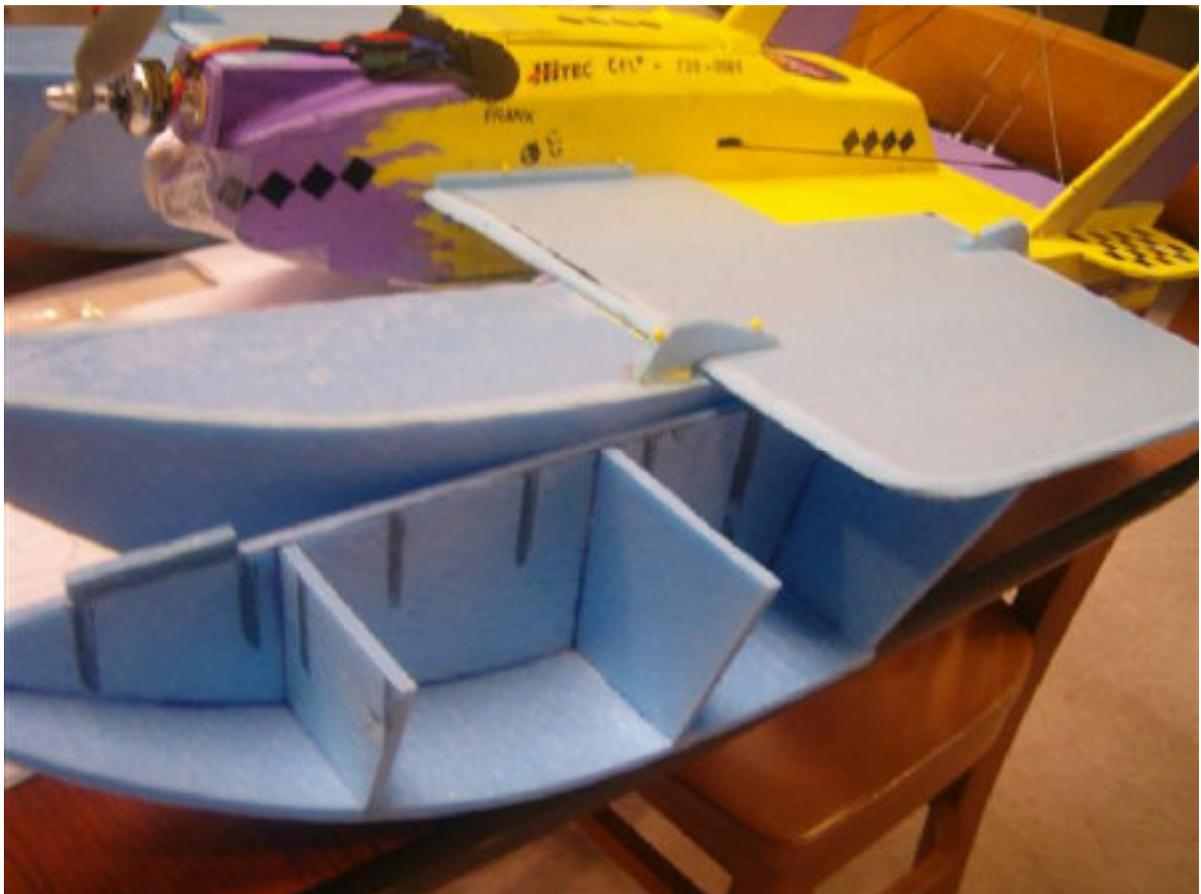


- John also brought in one of his scratch built creations called the Twirl Autogyro 001. It's an

autogyro built from plans that he found on an e-zone thread. It's made out of 3mm Cellfoam 88 and powered with a small brushless motor. He is pleased with it and if anyone is interested in the build, I can give them a link for the plans. The autogyro uses the 3 mm and you do need a small amount of flat stock carbon fibre and a small amount of carbon fibre rod. That is about it. The thing is neat and very easy to fly. John said if you can fly a three-channel trainer then you can fly this autogyro. Frank Bennett got the plans from John and made templates. In fact Frank already cut out a plane for Fran. John said to let him know if he can be of further help to anyone who wants to build one. It flies great and is a neat change of pace. John said "I am always looking for something a little different - it keeps me interested in this great hobby." Note the bottle cap wheels in the picture. Simple, sturdy and light.

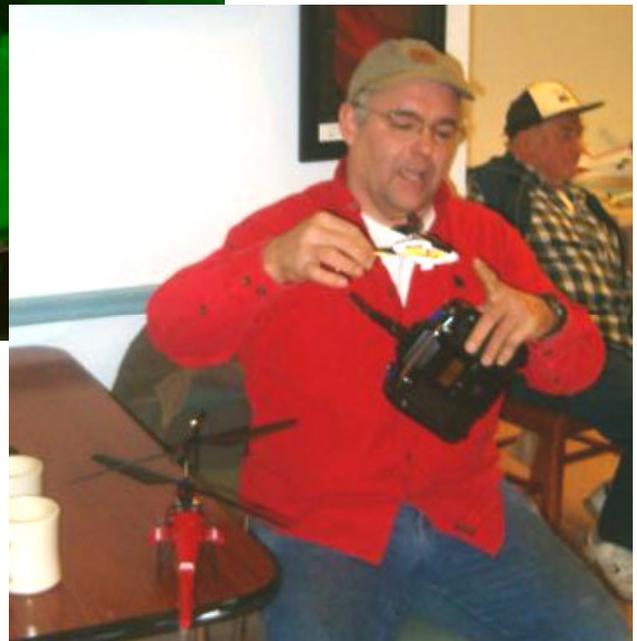


- Frank Bennett showed us the changes he made to his Miss Hangar One Flying boat. It now has wings and plywood on the bottom of the sponsons. He also showed us how he replaced the sponsons that were a little dinged up in a hard touchdown.



- Paul brought in the Monster plane he got from Ken Mac Donald. He has the plane almost ready to carry up a glider. He showed us how the launch cradle work and how he

made a space for the middle of the wing to take up the space that is left when you completely remove the cradle. We should have lots of fun getting rides on this Monster.



- Nelson Frost brought in two electric

Helos.

- One was his wife's. It was like the one Jim brought in a while back. After Nelson saw Jim fly it at the meeting, he just had to go out and find one in a local department store. Of course, he said he got it for his wife.
- The other Helo Nelson brought in was his. It is a Blade. For the money you can't beat it. It comes complete with a Spread Spectrum transmitter/receiver so you don't need a frequency pin anymore. That alone is worth the purchase price. The helo is powered by a lithium battery which is included. A Lithium charger is also provided, which can charge/balance 2 or 3 cell lithiums. Now we get to the helo. The helo is very durable, however part replacements are the most reasonable ever seen. Nelson did a great job flying it at the meeting.



- Glenn Collin's gave away CDs that contained free plans. If you want one, let him know before the next meeting. Here is what he said:  
I've put together a CD containing several hundred plans. All of the plans are available on the internet somewhere but it has taken me a couple of years to compile them all. The planes are organized into civilian, golden age, WWI, WWII, Old timers, handlaunce, pylon, and thermal. The files are in image, pdf and CAD dxf format. You'll find lots of rubber stuff capable of being converted to electric, foamies, card models, electric stuff but really no gas stuff. Also contained on the CD is a CAD file viewer that can be

used to view the dxf files. Since the meeting I've condensed the CDs into 1 by removing duplicates and zipping some of the larger files. I'll make up several more copies and bring them to the next meeting. Perhaps a \$2 donation to the club could be made for a CD. If you want to print the files to size or scaled I'd recommend ISIPLOT from [www.profil2.com](http://www.profil2.com). It's only a couple bucks but works great.

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

### **Wednesday night glider/electric night:**

We finally had a great night of flying on a Wednesday night. The wind was down and the temperature was comfortable. Hope to have plenty more. Picture is of one of the other Glider nights. Yes we even flew in the snow.



### **Newsletter:**

I appreciate members bringing in items for show and tell. They help makes meeting and newsletter more interesting. Also would like to thank those that provide input for the newsletter. Much appreciated.

### **Gamblers:**

Called Allan Wright to tell him that DSC was out of Gambler Kits again. DSC treasurer Ken Mac Donald gave me a Check for the purchase of two Gambler Kits, as authorized by the Club. I have been in contact with Allen to make arrangements to get together pick up two Gambler AG kits.

### **Member projects:**

-- Bob Berry and I had a maiden flight of his Shark. It is a kit from Foam Fly. I highly recommend it. You have seen pictures of it in the newsletter. It is larger than the frog and uses a larger brushed motor. It flew great and even flew in the wind. Landing was a little hard as it was caught in a downdraft on the top of the hill at the BAM field. Because it flies faster than the Frog bowing of the .032 music wire has more of an effect or actually gives you less left rudder in Bob's case. We will support the music wire and try it again.

-- Frank Bennett is scratch building one of the designs in the Cub's plan book. It is called the Daddy O. He is covering it by now but because he is building 3 other models and ..... , he probably won't have it ready for May Show & Tell.

-- John Cheetham finished scratch building a Parakeet from Frank's plans. It came out nice. John is using a brushless motor with NiMH batteries (8 cell). It flew great. I flew it in rain mist on Sunday, 29 April late in the afternoon. We were waiting for the rain to stop so we could try two of Frank Bennett's planes on the motors I had for sale at the last meeting. Frank's GWS Cub and Tiger Moth flew great on these 24 gram brushless outrunner motors. John's Parakeet flew great. We reprogrammed his speed controller so he should have longer flights on his NiMH batteries. I really like flying Frank and John's Parakeets. They are real nice flying planes.

-- Glenn Collins e-mailed me that He had a maiden flight of his 'Sokol Mod'. The sokol was a composite speed 400 pylon racer. Michael Moore had given him the fuse after he smashed the wing. He wanted some speed (but not pylon speed. He remembers seeing this plane going about 75mph with a speed 400) and still some thermalling capability. He built a 40" balsa wing with a carbon arrow shaft spar and enlarged the stab and fin to compensate. He used a BP 2408-21 brushless motor for power and a 7/5 folding prop. With a 3cell 800 mah lipo flying weight is only 12ozs. Glenn used compufoil3D to design the built up wing. This is the second wing he designed and built using compufoil. A great program. The other was the Apogee shown at the meeting a few months ago.



**VIDEOS:** Glenn Collins was wondering if Club members were interested in having the club purchase any on the following videos:

**ROBIN'S VIEW HOW-TO DVDS**

___	RV-ALIGN1	Perfect Airframe Alignment (DVD)	19.95	_____
___	RV-BALSAMOLD1	Balsa Molding Techniques (DVD)	19.95	_____
___	RV-ENGMT1	Perfect Engine Mounting Techniques (DVD)	19.95	_____
___	RV-FOAMWING1	Perfect Foam Wing Const. (DVD)	19.95	_____
___	RV-IBEAM1	How To Build I-Beam Wings (DVD)	19.95	_____
___	RV-JTIS1	How to cover models with Japanese Tissue (DVD)	19.95	_____
___	RV-PILOT1	How To Paint Pilot Figures (DVD)	19.95	_____
___	RV-STAB1	Perfect Removable Adjustable Stabilizer (DVD)	19.95	_____
___	RV-LOSTFOAM1	Lost Foam Wing System (2 DVD set)	39.95	_____

**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

Happy Safe Flying,  
 Jim



c/o President / Newsletter Editor

James T. Armstrong III

Stamp Here

**Name**

**Address**

**City, State, Zip**