

President
Jim Armstrong
207-725-5758

Secretary
Larry Smith
207-748-1069



AMA Club Charter #2988

<http://www.downeastsoaring.org>

Vice President
Mike Farnsworth
207-729-7290

Treasurer
Ken Mac Donald
207-443-3585

DownEast Soaring Club Upcoming Events

Event	Date	Time	Location
DSC Club Business Meeting	Saturday, 3/13/2004	9 am coffee/pastry, 9:30 Business meeting, 10:30 Show & Tell (Slope afterwards?).	Bookland Coffee Shop, Cooks Corner, Brunswick *See Note 1

Minutes of the Saturday February 14, 10, 2004 DSC Meeting (As recorded by Jim Armstrong)

President's Note: The February 14th meeting was held at Bookland in Cook's Corner Brunswick. The facilities as usual were excellent. Coffee and pastries were very tasty. We had a special guest stop by. The president of the Brunswick Area Modeler's Club Paul Johnson gave us an opportunity to pick up some great NiMH batteries at a nice price.

It was too nice of a day. There was no wind so we couldn't do any slope soaring. The meeting social was a great way to spend a cold winter's day.



WHAT'S INSIDE?

- MINUTES OF FEBRUARY MEETING
- "T" SHIRT INFO
- WRAM SHOW TRIP INFO
- NEW CLUB SLOPE TRAINER/ CLUB SLOPE BUILDING PROJECT
- SLOPE SOARING AT THE SANDPIT
- AUCTION OF CLUB CASIO DIGITAL CAMERA
- SHOW & TELL

MEMBERS PRESENT AT THE SATURDAY 14 February 2004 MEETING:

Attendance:
Jim Armstrong,
Larry Smith,
Mike LaTorre,
Frank Bennett,
Paul Johnson,
Brett Carr,
Jeff Carr
Peter Elliot,
Tim Accord,
Michael Moore,
Mike Farnsworth,
Rick Hallett,



Frank Bennett,
Glenn Collins,
Ken Mac Donald.



Treasurer's report:

Treasure Ken MacDonald provided the status of Club treasury.

Secretary's report:

Secretary Larry Smith stated he had now Club correspondence.

OLD BUSINESS

DSC T-SHIRT ORDER:

Update: Order had been placed and should arrive around 27 February.

POPOP SHELTER:

Background: Members proposed and passed a motion for the club to buy a popup shelter. Michael Moore put a report together for several types/sizes and the costs. He was given the OK to purchase one for under \$200.

Status: Michael Moore said that Mac McGlaughlin was looking into purchasing through his distributor.

WRAM SHOW:

Background: The WRAM show is February 20th though the 22nd. Several members are interested in going. Whoever goes will decide on mode of transportation. People interested at the meeting were Mike Farnsworth, Larry Smith and Michael Moore. Larry Smith volunteered to maintain a list of those interested. So if you want to go the WRAM SHOW, let Larry Smith know.

Update: Rick asked members to discuss if the Club needed any equipment etc to be bought at the WRAM show. There was a lot of discussion on what the Club needed. It was decided to purchase an ARF Club glider trainer plane.

- Ken made a suggestion to buy a Cirrus \$79 ARF glider or equal at the WRAM show. Michael Moore said he would put the Club radio in the plane that is purchased.
- It was recommended to order stuff that the 1-26 needs. 2 servos will be donated by Michael Moore. It was recommended that the Club purchase shift selectable receiver. Recommendation approved.

DUES and AMA Membership

Background: All members were reminded to renew their membership with the DSC and AMA. If you fly with us, you also need to be an active AMA member. Our club insurance covers the club and the property owner. The liability coverage does not cover us as individuals. You need to be an AMA member to ensure that you have your own liability coverage. Your web site privileges will be automatically cut off on the expiration date of your membership. You will lose access to the protected areas of the web site. Your classified ads and email address are also removed automatically as well. Please check your membership expiration date in your personal info.

- The following individuals had their dues updated at the February meeting:
 - Nelson Frost
 - Michael LaTorre
 - Ernie Lachance
- Discussed how important it was to follow all the AMA rules. AMA's insurance notice is clear that if you don't follow the specified rules you don't have any insurance. PERIOD.

PDF995:

Background: Jim has been using PDF995 writer to produce the newsletters in PDF format. We discussed the other programs that come with the PDF Suite. One of the other programs will reduce the size of the PDF. Motion made and approved to purchase the PDF Suite. Cost is \$19.95.

Update: Jim will have to reformat his laptop hard drive so he will order/download program once his OS is stabilized.

NEW BUSINESS

DSC FLIGHT INSTRUCTION PLAN:

1. Prior to the meeting Jim Armstrong sent out an e-mail recommending that the Club establishes a DSC Flight Instruction Plan. Points being:
 - Recommend that we put in writing what DSC's plan is for providing flight instruction.
 - We should establish a Chief Instructor position that would coordinate DSC's plan.
 - Goal being first to provide quality instruction. Other goals would be share the burden of providing flight instruction between DSC volunteers.
 - Plan should state when regular flight instruction is available and how individual instruction can be requested.
 - Only a portion of Wednesday night Glider night should be devoted to beginners.
 - Ken made a suggestion on what should be specified in the plan. He recommended assigning someone to help a beginner build etc.
2. Need volunteer for Chief instructor, and volunteers for instructors and committee members to put the plan in writing. Clem Wilson volunteered to help instruct.

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

From: Csmlwilboats@aol.com [mailto:Csmlwilboats@aol.com]
Sent: Thursday, February 12, 2004 9:43 PM
To: jamesiii@blazenetme.net
Subject: Re: DSC Flight Instruction Plan.-maybe

Dear Jim: I benefited from your and others' help at DSC and some from BAM. Down here in St. Augustine I have the good fortune to be hemmed in by at least five instructor pilots. One of them has really put in a lot of time and I hope the next two months will make me able to take off and land successfully. I will have a futaba 4 ch. with buddy cord and a connecting tower 4 ch for the student. If after checking me out this spring/summer/fall, I'm O.K. to help instruct even a little consider me a volunteer. Best, Clem

DSC WEB SITE:

- Discussed how to handle NON FLYING MEMBER STATUS (i.e., members without current AMA membership). Mike said listing their status as "Info Only" should cover.
- Need to be able to delete past members from list if they don't want to be listed. Mike said that if you delete the person's frequencies you can delete them from the list.

WHORFF SANDPIT TO BE INSURED THROUGH AMA:

Jim Armstrong reported that he had received the necessary papers from WHORFF Inc. to file the necessary forms with AMA to insure the Topsham WHORFF sandpit starting in March 2004. Members

are reminded to ensure that only current DSC members with valid AMA membership cards fly at this site from this point forward.

CLARK'S COVE ACCESS:

Discussed needing to get permission to fly slope at Clark's Cove on a case by case basis. Once Jim works out when the low tides are he will request permission to hold the outdoor meetings there.

MEETING DAY (SAT OR SUN? That was the question!):

Ken Mac Donald said he couldn't make the meetings on Sunday because he goes to Church. He asked to have a discussion on having meeting on Saturday. Several other members said they preferred Saturday. Mike Farnsworth said he would like to have it on Sat. Jim said he scheduled the meetings on Sunday so that he could still go to his camp in NH on the weekend and come home on Sunday morning and still make the meetings. Jim said he definitely wouldn't be able to make the summer Saturday meetings so someone else would have to run the meetings. Mike Farnsworth (who liked the idea of having them on Saturday) said he would run the meetings as that is the job of the VP.

Attending members voted in having the meeting on Saturdays.

Jim will transfer the Club camera to Mike around 1 May.

EPP ORDER:

Glenn Collins is looking into ordering some EPP. If you want to get in on the order, please let him know. He has offered up his services to help cut the EPP on the Club's CNC cutter for Delta wings. His e-mail is below:

Subject: EPP Purchase

Hello all,

I am coordinating an EPP foam purchase for the club. As most know, EPP is rugged elastic foam perfect for slope planes and tough electrics. Some examples would be zagi wings and warbirds.

I know the common sources such as CST and RPVi. I am also contacting larger wholesale suppliers to determine their prices and minimum order quantities. If you know of any wholesale suppliers willing to deal in modest quantities let me know.

There has already been great response to the idea. Please email me over the next week if you are interested. Let me know what kind of plane you are interested in (i.e. flying, delta, standard wing etc). From this I'll try to rough out the volume of material required.

Based on the response, I'll set aside a couple Sundays so people can come over and we can cut their wing cores on the CNC cutter. If you want warbird fuses your welcome to cut your design on my bandsaw.

Thanks,

Glenn

CLUB RADIO:

Jeff reported that Club radio is back and on channel 60. We will be able to use the radio once the Receiver Crystal on #60 is received from Ray & Robbins.

DSC INVENTORY REDUCTION AUCTION:

Club auctioned its Casio QV-10A digital camera. We had several people bidding for the camera. Peter Elliot was the winner and paid \$20.00 for it.

SHOW & TELL:

ITEM #1: Jeff Carr did review for e-zone on jumping jack ARF. \$155.00. 4 channel, which is being made by a Korean company. He made landing gear using vacuum bagging. Elevator locked on first flight. It will hover. Equipment used: Max HI Mac motor 4:1 4025-4023. 11/7 slow flyer prop. Castle 25 speed controller. 3 cell Lithium poly Flies like a pattern plane. Weighs 19 OZ.



Looks like Brett Carr is having a beer with us. How else are we to encourage young members to join our group (Brenda don't be alarmed; it is only Root Beer).

Jeff also said that he is moving out of the area. Moving to charlotte NC on a GD transfer. He said the guys have been a lot of fun. Jeff, Brett and the rest of the Carr family will be missed.

Item #2: Paul Johnson showed us the batteries he purchased and had for sale. Contact Paul if you what to purchase any. They are a bargain.



Item #3: Peter Elliot showed us his vacuum setup he used to build the clear canopies for his scratch built Invader.

He explained the process. It went something like this. Make the mold soft plug out of balsa and foam. Candle wax can be used to make the mold. Make a tub of Jell-O like mold making substance to set the soft mold in. Brush Jell-O like substance on the plug before setting into filled tub of Jell-O. Mold making material and plaster purchased from Artisan Craftsman in Portland. 3 to 4 min to set up. Sets up like a hard Jell-O. Once



soft, plug pulled out, pour investing plaster into Jell-O mold, which last maybe 3 times. Puts a skewer into investing plaster to help remove the item. Put in oven 200 degrees for 4 hours to get moisture out of it. Saturated with CA. Then use this plug on the vacuum unit.



Peter learned a lot making the canopies. His final products were unbelievably perfect. He showed us how he made the vacuum box he uses to make the canopies. Too many tips to mention here. Contact Pete if you want the rest of the story.

Item #4: Rick Hallett gave Jim Armstrong some blades he purchased a Home Depot. They had a hook at the point. If you use 2 of them with a space in between you can cut out one side of the flukes in coroplast. Jim is making a SPAD (Simple Plastic Airplane Design) 3D 47 tuned pipe powered plane.



PRESIDENT'S CORNER (JIM ARMSTRONG):

SOME ADDITIONAL MEMBER PROJECTS:



Frank Bennett is building a couple of large static float planes for a lodge. He said:

How are you doing big guy having fun I have been working like mad as you can see. All DONE and am delivering two tomorrow. They all thought the planes were very nice. The guy in Newfoundland is sending his check so that means, I will be start woodworking tomorrow spring is on its way. I hope on getting two new electrics up soon. Hope all is well, hurry back home we all miss you see



you when you get back.

Regards Frank



- Frank Bennett is just about ready to fly his Sig Jenny that he received from the Brunswick Area Modelers for doing all that Bulldozer work at the BAM Field.
- Glenn Collins has recently made some more slopers and an electric. Here are some pictures of his creations:



IMPORTANT INFORMATION REGARDING TRAINER CORD COMPATIBILITY FROM HITEC:

We purchase a Hitec trainer cord for our club radio because of the following warning from HiTec.

To our valued customers,
While Hitec radios are known to be trainer compatible with other Hitec and Futaba systems, Hitec has determined that the two-way Futaba cord is not 100% compatible with our systems and strongly suggests it not be used at any time.

Our tests show that when the Futaba trainer cord is used with a Hitec radio the slave transmitter will emit an RF signal, thus creating a potentially dangerous interference situation, **and in some cases will burn up components in the slave and or master radio.**

Hitec suggests that only the one-way Hitec trainer cord (#58310) be used with Hitec radio systems for training. Failing to do so **will void the customers warranty and could create a potentially dangerous situation.** Hitec apologizes for any inconvenience this may cause, but the safety of our customers is our utmost concern.

Group EPP Purchase:

Everyone had an opportunity to get in on the following group EPP purchase.

---Original Message---

From: Glenn Collins [<mailto:gcollins@zwi.net>]

Sent: Monday, March 08, 2004 3:05 PM

To: Glenn Collins; Michael D. Moore; James Armstrong; Susan & Peter Eliot; mike@downeastsoaring.org; Allan Wright; happl@midmaine.com

Subject: Re: EPP

I received the final quote for the EPP with the shipping. Final price comes out to \$2.05 per square foot. This is for the 2" 1.3# stock. This is reasonable compared to the only other two viable sources I found:

Flying Foam \$2.91 / sqf*

RPVi \$3.25 / sqf*

Shipping estimated US parcel post

Cost to you:

Allan Michael Peter Michael Latorre 1 plank

Allan \$27.70

Michael \$18.46

Peter 2 \$18.46

Michael Latorre \$9.20

Jim 4 planks \$295.20

Mike 1 plank \$73.80

Rick 4 planks \$295.20

Glenn 4 planks \$295.20

Club 1 plank \$73.80

Make your checks out to the club. Once we have a bulk of the money we'll use the club credit card to make the purchase.

Glenn

DSC INVENTORY REDUCTION AUCTION:

At the next meeting I would like to auction off the Club's Instamatic Camera. It hasn't been used for a long time. Someone might like to get some use out of it and we could get a little money for the Club kitty.

CLUB SLOPE BUILDING PROJECT:

Background: Now you have seen two successful fan fold foam combat flying wings. You can get away with regular size servos with servo savers. Remember you can use a \$12 mixer from balsa products if you don't have a mixing radio. I have one in my Avero Vulcan and it is working out fine. Sheets of Fan Fold Foam are a little over a \$1.00 each. Can you believe you can build one for

around \$3.00 of foam? Lows sells the foam. We are getting one in Brunswick so we should be able to get it locally. In the meantime, we have some available for those interested. Come over Ken's on Wednesday night and build one with us.

- Peter Eliot came over to Ken's 18 February and picked up two pieces of FFF to build a flying wing. He already completed it. Can't wait to see how great it flies. Here is what he said:

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

From: Susan & Peter Eliot [mailto:eliot@ime.net]

Sent: Sunday, March 07, 2004 9:17 AM

To: Jim Armstrong

Subject: new zag nut on the block

Hi, Jim!

This is the result of the challenge to build... I enlarged the online plan a bit and created a "dull pizza cutter" to crush/fold the fan fold foam where I wanted. So I still have enough to make a duplicate if I want a replacement or slimmer profile racer for future fun. This one is the "Crested Brute"! Fodder for the newsletter?

Peter



Wednesday Night Glider Night:

Club members and Guests have an open initiation the Ken MacDonald's house on Wednesday evenings until we change the clocks ahead and start flying at the Brunswick Area Modeler's field in Topsham. You never know what people will be doing at one of these nights. It may be building a Club project or just talking about it. Some of the items recently were:

- Ken MacDonald received a nice used computer from a friend. He and Glenn hooked it up. Ken will be looking into getting on line with a 56K modem.
- Glenn Collins made a tool to make perfectly round fuselage segments out of Fan Fold Foam for a speed 400. Metal angles are bolted to the round wood pole such that they can be positioned exactly to make cuts that will line up perfectly. It worked great and you will see a picture of a plane that has a fuselage made with this tool.



DSC SHIRTS ARE IN:



The T shirts, golf shirts and sweat shirts came in from AMA. I'm working on sorting them out and figuring out the costs to include shipping. They came out fantastic!

Happy Flying,

Jim



DownEast Soaring Club Upcoming Events

Event	Date	Time	Location
March 13th Club meeting	Saturday, 3/13/2004	9 am coffee & muffins, 9:30 business meeting, 10:30 Show and Tell.	Bookland Coffee Shop, Cooks Corner, Brunswick *See Note 1
April 10th Club Meeting	Saturday, 4/10/2004	9 am coffee & muffins, 9:30 business meeting, 10:30 Show and Tell.	Bookland Coffee Shop, Cooks Corner, Brunswick *See Note 1

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



c/o President / Newsletter Editor
James T. Armstrong III
292 Foreside Road
Topsham, ME 04086

Address Here: