

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, 2/14/2004	9am 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 January 10, 2004 DSC Meeting (As recorded by Jim Armstrong)

President's Note: The January 10th meeting was held at Bookland. The facilities as usual were excellent. Coffee and pastries were plentiful. It was a very, very cold windy day. At first it didn't seem like anyone was going to brave the elements. But as the meeting closed Rick Hallett said he was going to try out his new scratch built P51. Several people said they were going to fly and others said they would go just to watch. It actually turned out to be a good slope day as the Flyers were able to get out of the wind because of the way the wind was angling to the slope. The sun beat down on them to give them a little warmth. It is amazing how comfortable you can be if you dress for it. Here is what the best dressed are wearing as modeled by Mac McGlaughlin.



WHAT'S INSIDE?

- *MINUTES OF JANUARY 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 10 JANUARY 2004 MEETING:



Rick Hallett,
Mike Farnsworth,
Frank Bennett,
Michael Moore, Jeff Carr,
Mac McGlaughlin,
Steve Savoie and Brett Carr.

Attendance:
Jim Armstrong,
John LeClaire,
Mark Higgins,
Glenn Collins,
Ken Mac Donald,

Treasurer's report:

Treasure Ken MacDonald provided the status of Club treasury. Ken reported that he received dues from John A. Pignolo and Bruce D. Kohorn.

Secretary's report:

Larry Smith is on vacation in Florida. He provided Jim an e-mail on those that requested "T" shirt etc. Thanks Larry.

OLD BUSINESS

DSC T-SHIRT ORDER:

Update: People at the meeting told Mac they loved his design work. Jim reported that Larry Smith has provided list of people that wanted "T" shirt. Jim said he would be working with AMA to place the order.

POPUK 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: Tabled

CLUB EQUIPMENT STATUS:

Background from the November meeting: Mark Higgins requested that the club winches be made more available for thermal flying. At the time of the meeting, the members present did not know where some of the club equipment was (trailer, retriever, and batteries). Some of it was believed to be at Jim Armstrong's. The second winch and one of three club batteries is at Mike Farnsworth's residence. Mike stated that the second winch still needed a little work. Mark Higgins will take the winch at the next club meeting and try to fix some of the problems with it. Mike has a foot pedal that needs to be wired up for it.

- Mike will bring the winch to the next meeting.

Update: Mark asked Mike not to bring it until spring.

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: Jeff and Brett are going. They are leaving on the 19th.

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 paid their dues at the December meeting: Rex Olmstead, Michael Moore, Rich Hallett and Mark Higgins.

- The following individuals had their dues updated at the January meeting:

Mac McGlaughlin

John A Pignolo

Bruce D. Kohorn

- 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.

RC FLIGHT TRAINING: Discussed what plane to use and discussed looking into Copilot and other planes. Ken MacDonald said he knows a guy that taught 8 people to fly with a Co-

Pilot. The great thing about it is the instructor isn't as nervous, as the entire student has to do is let go of the sticks and the plane will recover.

CAMERA FLASH PURCHASED: Jim Armstrong showed everyone the club's new camera flash. He used it to take pictures of the show & tell items. It is the first time he used it at a meeting and it will take some getting used to. You have 3 intensity settings and you can move the position of the flash 90 degrees. You can use too high of a setting and wash all the color out. If you get too close to a white object (example: an EPP wing) it washes out.

NEW BUSINESS

CLUB TRAILER: Jim A. said he paid for the Club's trailer registration out of his own pocket since he used it for PB.

DSC Club equipment inventory:

- Jim A. proposed starting a computer listing of Club equipment. It should include things like the item name, person who has the item, and the current status of the item (e.g., needs repair, sold).
- Discussed engraving Club items.
- Discussed setting a policy use of certain items like the winches, batteries, and retriever.

DSC WEB SITE:

Background: Discussed listing member AMA membership status. Mike Farnsworth said he could add a column to enter AMA expiration date for each member. Discussed downloading Newsletters from the Newsletter section of the Web site. Efforts are being made to make newsletter size as small as possible and still have pictures in them. Michael Moore said he would add the file size to each newsletter listed on the Web Site.

Update:

- Jim A. thanked Mike Farnsworth making noted changes to the DSC Web site. He said Mike did a wonderful job addressing an issue and making the DSC Web Site serve us functionally.
- Special "Thank You" to Mike Farnsworth for adding an AMA status column to the "DSC Current Membership Listing", putting a link to the AMA member status and adding newsletter file sizes.

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 downloaded trial version and is evaluating.

TWO NEW E-MAIL ADDRESSES:

Club is making great progress with electronic communication. Mark Higgins and Charlie Kerr are now on e-mail and will be retrieving the newsletter electronically. Club members clapped and congratulated Mark when he announced he was now on e-mail. Their addresses are now listed in the "Members" section of the DSC Web Site.

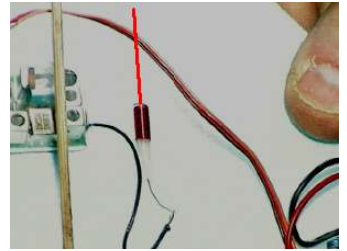
SHOW & TELL:

ITEM #1: Jeff showed pictures on a laptop of the F3J team trials he attended in Denver.



ITEM #2: Rick Hallett brought in a scratch built Birddog he built from FFF (fan fold foam). It has a CD rom motor, phoenix 10 controller, lithium poly batt, 2 tiny servos. He wrapped the foam wing around a stick to get the airfoil shape. He completed in 2 hours by using instant glue.

ITEM #3: The antenna Rick made for the above plane has to be vertical. He put 31 turns on a 1/8 inch tube and strung out the remaining end vertical. He uses Radio shack solid wire that you buy in a bundle of 3 colors.



ITEM #4: Rick Hallett gave us a great presentation on making brushless motors. He learned a lot and was sharing it with us. He made a mistake and showed us his parts box he uses to store the parts he used to make his own brushless motor. Several members interrupted his train of thought and asked

about the box. You can get the box at Wal-Mart.

Item #5: Rick Hallett brought in his scratch Built P-51. Weight came out at 2 lbs., which was a design goal. Plane looked great. Should be a nice flyer.



Item # 6: Glenn Collins told members experience we had with the FFF flying wing that Rick H. built and donated to the Club. Glenn said it flew great. The plane in the picture is the next generation of it. Glenn folded wing over a pipe and applied heat to make the leading edge. Rib is made of rohacell. Elevons were made of FFF and glasses. To mount servos he gooped them over some strapping tape. It only took 2 sheets of FFF. Cost of foam would be around \$3.00. Wow! How can you beat it?

Item #7: John LeClair showed us a 120 Volt to 12 V Power supply. He purchased it for \$24.00 shipped to your door. Shipping and handling is free. This is a great buy for something to power your Hobbico MK II versatile charger or other 12v peak charger. Similar item elsewhere would cost you over \$50.00 with shipping. See <http://ramboy.com/cosel.htm>





Item #8: Steve Savoie brought in a replacement Wing he purchased from Dave Aircraft Works for his DAW P51. He stretched out the wing for light lift.



Item #9: Ken Mac Donald brought in this electric Graupner Sun Wheel. It is modeled after a German homebuilt. It is powered by a speed 400 motor. It is heavier than a Tiger Moth so it takes more runway. Ken really likes the way it fly's.

PRESIDENT'S CORNER (JIM ARMSTRONG):

DSC INVENTORY REDUCTION AUCTION:

At the next meeting I would like to auction off the Club's Casio Digital 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.

ANDERSON POWER POLE CONNECTORS:

Several people have asked me where to purchase APP Connectors. Best place I have found is Consolidated Electrical Distributors, Lowell Electric, 220 Howard Str., Lowell, MA 01851. I called up APP and they directed me here. I purchased \$124.18 of connectors but don't have any left to sell. I purchased a lot to make it worth the sales tax and shipping charges.

THE CORO SPLAT: Glenn Collins recently scratch built several airplanes for the slope. Here is a picture of the "Coro Splat." This is what he decided to call it. It flew great.



SLOPING:

- After the last DSC meeting several members went sloping.
- After sloping we went to McDonald's for hot chocolate etc and had a nice social. We looked at the day's slope/meeting pictures and as usual had many interesting things to talk about. Mac and I asked Rick to explain the hookup of the vacuum pumps and got a good explanation and hookup diagram.
- Mike Farnsworth and Rick Hallett's account of the flying is provided here for your enjoyment:

Mike Farnsworth posted this on the Forum: *Posted - 01/10/2004 : 14:55:01*

We went flying and it was not too bad. The temp was about 7 degrees F with the wind NW at 13mph. Even so, it did not seem as cold as last time. The sand is frozen so we



did not get the usual sand blasting. Jim got some pics of a Bald Eagle flying through in a thermal. Caught the bottom of a couple of thermals with the Mini-me.

Tried Rick's new P-51. We did not get it fly for far. On the first toss it looped up into the air over our heads and landed on the ground. We then tried some hand tosses to see what was wrong with it. It seemed to be quite tail heavy. We could not get consistent flights just trying a short hand toss. We finally hit the ground hard enough to break the glue bond between the wing and the fuse on the fourth toss. No damage to any part of the plane though. Looks like it needs the cg moved forward about 1/2 inch.

Jim did a most excellent job of fishing Rick's wing of from the face of the slope with his fishing pole. The only down side was trying to look down over the edge with the wind blowing into your face. That was cold. 10 feet back from the lip it was not bad. Seemed nice to get outside again.

Mac flew the Mac Attack for at least 45 minutes and he even got a kill on me.

Edited by - MikeF on 01/10/2004 15:03:20



-----Original Message-----From: happ1@midmaine.com [<mailto:happ1@midmaine.com>]
Sent: Saturday, January 10, 2004 4:23 PM
Subject: you missed out

Cliff Fishing

Well four of us gathered for this cold day of flying only to find that it was much milder than the last time we were flying. The wind was from a different direction consequently we flew much further over on the bowl. We stood about twenty feet from the edge and the sun warmed us very nicely.

Much to my surprise we discovered the P51 was tail heavy. On our final test flying the hot glue cracked and the flying was over for it for the day.

Aw but the fishing. I of course managed to fly my heavy version of the fff Zagi into the side of the bowl about twenty feet down. At that point Jim got out his fancy fishing pole and with five casts was pulling in a big one with his triple hook. I said it could not be done since there was nothing sticking out on the smooth surface. But for some strange reason it snagged into an aileron and he was able to pull it up. Very disappointing



but the aileron tape let go on both sides so that canned it for the day..

But Jim Mac and Mike had a grand time flying their zagi types flying them numerous times. Mike in addition of course flew his little Mustang

Intentionally I had no problem staying warm. The rest drove to the top but I deemed that not to be wise in my rear wheel drive only truck. So walking up I built up some heat only to be confronted with another problem. Now my glasses were fogging. You just can't seem to win them all. I walked down the hill again to get another plane when I could not fly my Mustang. Then I was really working up a steam under my glasses. But of course nothing no great problem there for in a couple of passes I was into the side of the bowl and out of commission and steaming glasses were no longer the same problems.



Yes but leaning over the bowl looking down at the big fish we had our faces seared in the blowing cold

Meanwhile the eagle started low the second time in front of us and rapidly rose on the thermal in front of us. After circling for some time to great height beyond us through the sun and out the other side there was this big shot of vapor. Hmmm! Must have been more of an exercise than I thought. Now we know where the chunks of ice are coming from that fall mysteriously in some places.



As I waited this morning after an early arrival I watched the seagulls make landings behind the local Wendy's. or whatever the fast food store is to that side. They would make a big circle and then land going in the correct direction. I saw too of them shudder like a dog shaking its fur out in the cold. I never had seen that before. I was informed it was the same type of operation.

Tidbits from a morning of flying. Rick Hallett

Jim's flying notes: We went to McDonald's after sloping for hot chocolate etc and had a nice social. We looked at the day's pictures and as usual had many interesting things to talk about. Mac and I asked Rick to explain the hookup of the vacuum pumps and got a good explanation and hookup diagram.

CLUB SLOPE BUILDING PROJECT: 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.

Happy Flying,

Jim

DownEast Soaring Club Upcoming Events

Event	Date	Time	Location
DSC Club Business Meeting	Saturday, 2/14/2004	9am coffee/pastry, 9:30 Business meeting, 10:30 Show & Tell (Slope afterwards?).	Bookland Coffee Shop, Cooks Corner, Brunswick, ME *See Note #1
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: