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AMA Club Charter #2988

Vice President
Glenn Collins
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Treasurer
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<http://www.downeastsoaring.org>

DownEast Soaring Club Upcoming Events

Event	Date	Time	Location
May DSC Business meeting	Saturday, 5/10/2008	9am coffee/pastry, 9:30 Business meeting, 10:30 Show & Tell (Slope afterwards?).	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.

OTHER EVENTS (For planning purposes):

1. Great State of Maine Air Show September 6 and 7th, 2008
2. Reminder: Bookland meetings are scheduled on the 2nd Saturday of the month during the late fall, winter and early spring.

DSC Meeting Minutes of 12 April 2008

MEMBERS PRESENT AT THE APRIL DSC MEETING:

Bob Berry, Nelson Frost, Charlie Kerr, John Cheetham, Ken Mac Donald, Bob Constable, Larry Smith, Frank Bennett, John Emery, and Jim Armstrong.



TREASURES REPORT:

Treasurer Ken Mac Donald came in after the start of the meeting.

Jim stated that at the last meeting, we had enough magazines for every participant to be a winner and two magazines were left over. Fran purchase one left over for \$1.00 donation to the Club. Jim sent Ken a Web banking check for \$1.00.

SECRETARY'S REPORT:

Secretary Mike Farnsworth could not make the April meeting because of a commitment with the Boy Scouts. Mike came over Jim's house prior to the meeting and provided Jim with a report for the meeting.

- Mike received a paper copy flyer from the BAM club on the upcoming Swap meet at the BAM field. Subsequently Jim scanned it and sent it by e-mail to each member.
- Club received advertisement from Spektrum JR/DSM. Buy a Spektrum or JR DSM radio or module system and a a DSM receiver, get a receiver free. Better yet, buy 2 extra receivers and get two free. Purchase must be made from an authorized Horizon Hobby dealer by 30 April and postmarked no latter than 31 May 2008. See Hobby dealers for "Great 2.4Hz DSM Giveaway Free Receiver Redemption Voucher".
- Club received an advertisement for windsocks. If anyone is interested in getting a copy of the add contact Jim or go to www.airportwindsock.com. Windsocks look real well built and are reasonable.
- Mike received the Club sanction for 2008 from AMA. It included Officer Patches. Jim passed out the patches to the Officers present at the meeting.



- Mike and Jim went on-line and filled in the Club's yearly Non Profit Incorporation Report with the State of Maine. Cost was \$35 and was paid with the Club's debit card, which Jim is authorized to use. Jim would like to note that having a Club debit card and a Pay Pal account has made conducting Club business a little easier.

OLD BUSINESS:

INDOOR RUBBER AND INDOOR ELECTRIC FLY IN:

Background: Bob Constable informed the club that John Phellan, a recent club guest, who flew the micro RC Petienpol Aircamper inside the Bookland conference room, has obtained permission to fly in the Unity College Gym. The gym is on the Unity College Campus located at 90 Quaker Hill Rd in Unity Maine. John can obtain access to the gym on Sundays by request. The time available will usually be 8 to 11 am. Look for e-mail announcements. FMI contact John Phelan at 568-3365.

February Update:

Glenn Collins said that John Phellan has been having a flying session every other Sunday at Unity College Gym. The gym is on the Unity College Campus located at 90 Quaker Hill Rd in Unity Maine. Call John for if you would like more info. John Phelan 568-3365 is the contact.

April Update: Bob Constable reported that they have been having a good time flying Indoor at Unity College and said that they were flying again the day after this meeting.

RC FLEA MARKET:

Background: Previously Paul Johnson president of BAM said: It sounds as if people would like to have a flea market again. The thought is to have it in April and plan to have it at the field. We will set a date later and plan on a rain date as well.

March Update: Bob Berry said that at the BAM meeting this past week it had been discussed. It will be held near the open area near the shed at the BAM field sometime in April.

April Update: The RC Flea Market was scheduled for the same day of the DSC meeting 12 April. It would have runs till 2:00 PM, which still gives members attending the DSC meeting time to participate, but because of the forecasted 70% rain it was re-scheduled to the following weekend.

Here is Paul's e-mail:

From: Paul28 [mailto:paul28@suscom-maine.net] **Sent:** Wednesday, April 09, 2008 11:21 AM

Subject: BAM SWAP MEET

Brunswick Area Modelers

The Swap Meet/Flea Market scheduled for Saturday April 12th with a rain date for Sunday April 13th is canceled due to the inclement weather forecast for the weekend. It will be scheduled for the following weekend **Saturday April 19 with a rain date of Sunday April 20th.**

BOY SCOUT CAMPOREE:

Background: Previously Mike Farnsworth said that near end of April, there is going to be Boy Scout Camporee at the Topsham Fairgrounds. Theme is Hobbies for fitness/hobbies for life. Mike was wondering if BAM/DSC would like to put something together for it. Format would be something like this. Scouts would be broken up into groups that would have about 45 min to visit each presenters presentation/table/demo, before they would go to the next presentation. This would go on for the entire day with the hope that each group had the opportunity to view all demos. If clubs would be interested, Mike was thinking that we could set up planes and a flight simulator. Maybe demo John LeClairs Video camera on his plane. Show some prerecorded video of a flight over the Topsham fair would be cool. After some discussion it was evident that the Club was interested in working toward supporting this event. Motion made for the Club to work towards supporting this event and have a budget of \$25 for any necessary supplies. Motion passed unanimously.

March Update: Subsequent to the meeting, Mike said the date is May 17th. All day event with groups of 20 to 30 scouts coming through on about a 45 to 50 minute rotation. The Club may want to bring a grill and cook some lunch. Some of the other displays are hiking, karate, sailing, golf, and fishing, It is estimated that there will be about 160 kids and adults.

April Update: Jim said the Club needed volunteers to operate the booth on 17 May. If you can help out, even if it is for a part of the day or to help setup or break down, please let Paul Johnson know.

DSC FUND RAISER:

In an effort to keep dues from increasing, Jim started a Cyberspace RC Swap Meet, which is designed to raise funds through donations. RC items for sale/swap are listed in a PDF file and sent out to perspective buyers. Plan is to post the file to the DSC Web site so people can go there and view the latest offerings.

Jim sent an e-mail to Club members that said the following:

The DSC kitty is getting low so attached is an effort to help rectify that. It is a win win situation. The modelers make out by selling or purchasing a treasure and the DSC gets a donation.

The cyberspace RC Swap Meet that is attached might be a year round thing. If you see an item your interested in, contact the seller and see if the person can bring it to the Swap meet at the BAM field (if it hasn't sold yet). DSC and BAM members will have first crack at the listing, before it is sent to other Clubs etc.

Here is the text used in the Swap Meet PDF file:

Jim's cyberspace RC Swap Meet is designed for the benefit of RC enthusiasts, which are gas saving, convenience, and effectiveness in getting visibility to the RC swap item.

There is no pre-determined cost to the seller. A small donation the Downeast Soaring Club for their effort would be appreciated. Seller makes a determination based on their financial situation and final selling price. It is easy to make a donation. Options are:

- **Paypal to jamesiii@blazenetme.net**
- **Cash**
- **Check made out to the Downeast Soaring Club and sent to:**
 - **DSC Treasurer Ken Mac Donald**
 - **114 George Wright Road**
 - **Woolwich, ME 04579**

RC enthusiasts can submit RC Swap Items to Jim Armstrong's e-mail jamesiii@suscom-maine.net for addition to "Jim's cyberspace RC Swap Meet."

Items spoken for will be annotated by strikethrough. Example: ~~DSC-1-100inch glider \$100~~. Eventually sold items will be deleted entirely.

Donations to the Downeast Soaring Club appreciated. Options are cash, pay pal (jamesiii@blazenetme.net) or Check made out to the Downeast soaring Club.

WARBIRD AIR SHOW:

At a previous meeting, Paul Johnson provided information regarding the potential for setting up a booth at the Warbird Air Show that is typically held at the Portland Jet Port in September. We could potentially do some demonstration flying in a hangar at that time. Paul will give us an update as the time draws near.

NEW BUSINESS:

DSC DRAWING LIBRARY:

Three new drawings were added to the Library at the April meeting.

PICTURE	NAME	TYPE	SPAN	DESCRIPTION
 A technical drawing of a model airplane named 'Miss Tress'. The drawing includes a top-down view, a side profile, and a perspective view of the yellow and red aircraft. The title 'Miss Tress' is prominently displayed at the top.	Miss Tress	Electric	53.5 inch span	Electric-powered trainer for 3 channel RC. Author used 120 watt motor but used only 80 watts. 28 oz with floats. Full size plans.
 A drawing of a flying wing model named 'BATOO'. The aircraft is shown in flight against a blue sky. It has a white body with red and black wingtips. The title 'BATOO' is written in large, bold letters.	Batoo	Electric Flying wing	36 inch span	Unusual Electric Flying Wing designed by John Rutter; Swept wing with 3 dihedral breaks.
 A drawing of a model airplane named 'Size Zero'. The drawing includes a top-down view, a side profile, and a perspective view of the aircraft. The title 'Size Zero' is prominently displayed at the top.	Size Zero	Glo Powered .10 to .15	43 inch	A delightful sport model designed by Peter Miller for 4 function RC.

DSC FREE MAGAZINE RAFFLE:

Winners at the April meeting were:

Frank Bennett, Bob Berry, John Emery, Nelson Frost,
Ken Mac Donald, and Charlie Kerr.



CLUB BADGES:

Jim Armstrong presented a DSC Badge to Robert Constable as Jim had been promising him one for years. Jim asked members if they approved the general format and logo, which they did. Suggestions were to include AMA number. It was agreed that badge would not be issued until AMA membership verified. It was also suggested that the DSC Web site and Club officer Position be added, where appropriate. Nelson Frost said that he would send Jim a copy of what the Skystreakers include on their badge for consideration.

Jim said he would need a motion to purchase the badge holders, badge Clips, paper, and ink if the Club wanted him to make them for every member. Motion made, seconded and approved unanimously by Club members.



CANCELING DSC MEETING ON-LINE:

Because of the icy weather the day of the March meeting, Jim asked if it would be a good idea for Club to give the President authorization to cancel a monthly meeting, for any good reason. An Officer could send out an e-mail to members before the meeting. Members must check their e-mail before leaving for a meeting, especially during inclement weather. Change could also be posted on the DSC Website event Schedule if time is available before meeting. Members felt that it was a good idea. Nelson said that members could not afford to drive to a meeting for nothing. Motion passed unanimously.

UPCOMING SCHEDULE: Jim said that summer schedule has not been posted on the Club Web site because it will be announce by e-mail to each member as decisions are made as to where and when it will be held. Jim said Allen Wright is coming to Maine in June so we are planning on having a Gambler get together, with a DSC meeting if possible. Jim would like to have some meetings at Clark's Cove when there is a low tide mid day on a weekend. He will check the tide schedule. Fall back can always be a meeting at Bookland on the 2nd Saturday of the month and like other summer meetings, an e-mail to Club members will be issued.

SHOW AND TELL:

- Bob Constable showed us his WACO PG-2 Powered Glider (By Peter Miller). He gave us a complete explanation on the background of the model.



Subsequent to the meeting Bob provide Jim an e-mail with the following details.

Bob said: The following is taken from the RCM October 1995 issue write up.

“The WACO CG-4A glider, better known to British modelers as the Waco Hadrian, had an illustrious history in the airborne operations of WWII, although it is best known for the operations of D-Day and at Arnhem.

Less well known are the powered versions of this aircraft. The PG-1 was a standard Hadrian fitted with two Franklin engines attached to the wing struts, while the PG-2 had two ranger engines fitted to the wing.

The idea was to use these versions for ferrying, battlefield liaison, and ambulance work, and also for towing standard Hadrian’s to the landing zone.”

Bob said there was only about 10 of these built and since the military couldn’t work out how best to use them wound up towing other gliders in the training school here in the US.

Bob said the model is 1/16 scale, and the original that Miller built used un-throttled .049



Texaco’s. I started the model about 10 years ago with the idea of putting a couple of Queen Bees on it. After completing the fuselage, elevator, and rudder done and most of the wing completed, Bob finally decided to complete it with electric power. Bob have installed HiMaxx 2812 brushless out runner motors with Castle Creation 25A ESCs. Weighs 40 oz. with out the battery. The question? Will it fly?

- John Cheetham brought in a scratch built Taube. Plans were from an old 1940 Air Trails magazine. It has a 44 inch wingspan and is powered by a KD A22-20L Brushless Outrunner Motor using 7 cells, 2000 NiMH batteries. John was very impressed with the way it flew right from the first flight. It only needed one or two clicks of trim. It flew like a trainer and had no bad habits. In fact he liked it so much he is looking at building a bigger Taube from a Balsa USA kit. This kit calls for a .45 glo engine but if built lighter should fly on a KD A22-20L Brushless Outrunner Motor.



- John Cheetham showed us some full size plans that he donated to the Club. He received them as part of a subscription to www.fullsizeplans.com/. This site offers full size plans, as a subscription. \$36 a year gets you 6 issues with a minimum of 4 sets of plans. John is thrilled to have plans for old airplanes, that are no longer distributed, but the only draw back is that it is printed on newspaper to keep the cost down.

Not a huge issue, but plans are delicate.



PRESIDENT'S CORNER

(JIM



ARMSTRONG):

Wednesday Night Glider/Electric Night Flying started:

Wednesday night flying has started since there is enough sunlight in the evening now. Paul, Sandy, John, Jim, and others have been flying at the BAM field during the winter. The field has been accessible all winter due to the efforts of Paul Johnson and others.

Other Club member projects:

- John Cheetham scratch built this 1950 Air Trails plan plane called the "Drafty Junior" (Flying Junk Pile) actually a Curtis Wright Junior. Back in the 1940s, this plane was used at Air Shows to amaze the crows. More pictures and info to follow in next newsletters.



- John Cheetham scratch built this 92 inch wing span Sorcerer from an old RCM magazine plan. His first flight had some serious steering problems and he was lucky to get it back. He tried correcting the steering problem by increasing the throws on the rudder but it still wouldn't turn very fast. You had to plan ahead for any turns. Then he changed the 5 gram servos to bigger 21 Oz torque servos which should help. Soon to be tested. Motor is an 05 Himax Cobalt motors. John is using 8 cell 2200 NiMH batteries to power it.



- John Cheetham scratch built Rhom Bus has been flown many times since this picture. Since the first two flights, John has added one more cell and it now flies beautifully.



- John Cheetham scratch built this G-Dunck plane from RCM magazine plans. John changed the top wing to an old-timer wing from another plane because it was awful touchy coming in as it would Dutch roll, wing tip stall. The old timer under cambered wing tamed it right down. You do not have to fly it as fast as before and it flies like an Old Timer.



Happy Safe Flying,
Jim