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AMA Club Charter #2988

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

DownEast Soaring Club Upcoming Events

Event	Date	Time	Location
December Club Meeting	Saturday, 12/8/2007	9:00 coffee & muffins, 9:30 Meeting, show & tell 10:30. (Slope afterwards?)	Bookland Coffee Shop, Cooks Corner, Brunswick *See Note 1
January Club Meeting	Saturday, 1/12/2008	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.

DSC Meeting Minutes of November 10, 2007



NOTE: JIM AND KEN ARE NOT IN THE PICTURE.

MEMBERS PRESENT AT THE NOVEMBER 10TH DSC MEETING:

Paul Johnson, John Emery, Glenn Collins, Bob Constable, Bob Berry, John Cheetham, Charlie Kerr, Frank Bennett, Mark Higgins and Ken Mac Donald.

Bob's Friend John Phelan from Unity Maine. John's is very interested in Micro RC.

TREASURES REPORT:

Treasurer Ken Mac Donald reported what the Club had in the Checking account. Jim mentioned that, the day before, he had deposited some money received for Cox model purchase.

Ken gave Jim a check to pick up two more Gambler kits.

SECRETARY'S REPORT: None.

OLD BUSINESS:

FOAMY COMBAT/PYLON RACING & COX WARBIRD PURCHASE:

November update: Jim brought up putting in a couple of pipes to set the Pylon posts in so we can easily set up the Pylon course. Someone said that a cinder block filled with cement might be a good support to secure post to. Paul Johnson said it would probably be Ok as long as it is flush with the ground (buried). Mark said 10 foot of PVC works good. Jim asked Paul to request permission from the Brunswick Area Modelers club to put in something flush.

DSC INCORPORATION:

Tabled: At a future meeting, we need to work out who maintains incorporation records and to start revising bylaws. (Editor Comment: Good item for the winter meetings).

DSC DRAWING LIBRARY:

November Update:

Jim showed members the latest construction articles and full size drawing that will be added to the Club Library.

- **Wirligig MK2:**

Something different! Have fun flying this twin-rotor autogyro for a small .25 size engine and 3-function R/C redesigned by Keith Humber.



- **Rupert's Dad:**

The original 'daddy'! Try this 60' span 3-D sportster for size. Designed by Roger Groves for .46 motor and upwards, with 4 function R/C, it performs any maneuver you care to try.



DSC FREE MAGAZINE RAFFLE:

- Congratulations to the November winners who were:

1. Paul Johnson
2. John Cheetham
3. Charlie Kerr



4. John Phelan
5. Frank Bennett
6. Mark Higgins
7. John Emery
8. Glenn Collins

SUMMER MEETING SCHEDULE:

August Update: Discussed scheduling the summer meeting that same way last year. Several people stated they would like to have some meeting at Bookland during the summer. Jim said he couldn't chair them because they conflicted with his horseshoe league. VP Glenn Collins said he could chair them. Jim said that we could do some at Bookland, some at a slope site, and some during Wednesday glider night to get maximum member participation at Club meeting.

NEW CLUB WINCH BATTERY:

Background: Two Club winch batteries that Mike Farnsworth had were dead and they wouldn't take a charge. They were basically useless. Some members wanted to use the Club winch on Wednesday nights. Therefore, Jim purchased a deep cycle battery for winch using the Club's credit card. He got a deal on the battery as Mike Bergerson went with him to the Topsham VIP and used his employee discount to bring down the price of the battery by \$14.00.

Jim had to go back a few days afterwards, with one of the old winch batteries to get the \$10 core charge taken off the Club's bill. Final price of the Deep cycle battery was \$58.79. The size and weight of this battery seems perfect.

After explaining the above and discussing, a motion was made, seconded, discussions opened again, and then voted on. Members overwhelmingly approved the purchase.

November update:

Because of the failures of the Club's winch batteries, Jim asked Frank Bennett to look into getting some good 12v batteries at his daughter's junkyard. Frank said that they have them there once in a while for around \$10. Jim said he would purchase them himself. Then Club members can evaluate their use at Glider night. We know it will not last as long as a deep cycle, but at that price, if it last for a while it should be worth it. Steve Savoie had good luck using a regular battery for his winch/retriever setup years ago.

Ken said a trickle charge works well and may help make the batteries last longer.

NEW BUSINESS:

GAMBLER ONE DESIGN CONTEST: Mark asked about the one design contest. Basically, the Club decided to use the Gambler as our 50-inch one-design plane for many reasons. The gambler one design allows only your choice of battery, receiver, servos, covering, and method of installing pushrods for example. If we, as a group, need to specify more items, we can.

At least two people would like to make changes to the planform, come up with their own 50-inch design, or use another plane. This would require a second contest with specified criteria like maximum wingspan etc. Mark said that others have run this type of contest and their criteria could be presented for acceptance. Please let Mark Higgins and Glenn Collins know if you would participate in this type of event.

Anyone that would like to run a 50-inch “any design” DHLG contest can do so by presenting the details to the Club either at a meeting or through e-mail.

It would be very easy to run both events together. All we need is someone to volunteer to do all the work, like setting criteria for “any design”, obtaining a field, setting an approved date, providing lunch, determine fees, getting awards, set scoring procedure, become an AMA contest director if contest is to be sanctioned, run contest and present awards for example.

DSC 2008 OFFICER ELECTIONS:

Jim said he was pretty sure that all current DSC Officer would continue with their Officer duties if elected. If all officers are interested in running again, and no one else runs for any of the positions, one ballot will be cast for the current officers and voted on by the Club members.

FUN FLY BAM DONATION:

There was \$21.25 after Jim paid all the expenses from the Gambler/2 meter contest/Electric Fun Fly event. He made out a check for this amount and gave to BAM President Paul Johnson. Jim felt this was appropriate as BAM allowed us to utilize the field and had paid for a lot of bush hogging of the sides of the field, which has made utilizing the Hi-starts much more enjoyable, as it is easier to locate and retrieve the line.

DSC 2008 DUES:

Treasurer Ken MacDonald reminded everyone that 2008 Dues were due as DSC membership runs October to October. Ken reported that Bob Constable and Jay Wiley paid.

HOW TO FIND THE CG:

Ken Mac Donald provided copies of a letter he received from Jim O'Reilly, Kansas on how to locate the CG using $CG = .29 T_{vo} = .17$. Ken provided copies of the letter to members. If you would like a copy of the letter let Ken know.

SHOW AND TELL:

• RUBBER POWERED FREE FLIGHT PLANE:

Glenn Collins made a Rubber Powered Free Flight Plane and brought it in to show us a few building techniques he used. He provided us with all the details. He made round balsa fuselage on a pool stick. Glenn soaked balsa wood in the bathtub of hot water for about a half hour. Then he wrapped it on the pool stick and then wrapped it tight with some nylon stocking. After about 10 to 12 hours of drying took it off the pool cue when it was dry. Used CA down the seam. It is amazingly strong and light.

Cut a foam core with the CNC cutter. Sheeted foam wing with balsa wood. Glenn used a fairly light coat of 3M 77 on foam to secure balsa sheet to foam core.

Glenn also used Mylar wrapping paper with a real light coat of 3m 77 on the wing to give it some color. It does shrink a very little with heat, to get some small wrinkles out



- **MOUNTAIN MODEL MAJESTIC:**

Mark Higgins gave us an interesting presentation about how you can be very competitive with a relatively inexpensive built up model. Mark said wing on the Mountain Model Majestic is exceptionally strong and demonstrated how he launches it full out and just can't break the wing.

Mark Higgins his sailplane Reflectors on tips work good when plane is a mile away.



- **MICRO RC DEMONSTRATION:**

John Phelan showed us his scratch built 10 ¼ inch 2 channel proportional 4.6 grams **Pietenpol Air Camper** controlled by a 900 MHz transmitter. He explained the entire building project. John provided a handout of references for anyone interested in building and flying one. John gave us an actual flying demonstration right in the meeting room. It blew people away.





- **RHOMBOIDAL BIPLANE**

Paul Johnson brought in a rhomboidal biplane that he had constructed. He saw the plane in the November Model Aviation magazine, which described the plane as resistant to stalling. The idea developed back in 1911. (The Wright brothers utilized a canard wing to overcome stalling at slow speed.) Paul ran the plans on the computer program. The advice to purchase such a program was given to Paul by John Emery. This program is a product of Blackflight. The end result is an interesting looking



aircraft that required some finagling to get the bottom wing in position. The plane is battery powered with a five-inch propeller. The engine is a pusher type.



- **GAMBLER:**

Frank Bennett showed everyone the gambler that he scratch built from the same drawing that we use to build the kit. It should be an exceptional flyer. Frank intends to put a power pod on it at times too.



- **EMBRAER IPANEMA:**

Frank Bennett was successful in turning a peanut free flight plan he found in the November Model Aviation into a park flyer. He provided all the details of how he blew up the plans and scratch built the plane. It is an outstanding Peanut Scale design from an excellent Brazilian modeler. It is called the Embraer Ipanema. The full size first flew in 1974.

Yes, it has flown and with some washout it is flying even better. Now Frank is adjusting the thrust of the motor which will make it fly easier.



Frank is scratch building a larger one right now, because he liked this one so much. He already has the body started.



PRESIDENT'S
(JIM



CORNER
ARMSTRONG):

Wednesday night glider get together at Ken Mac Donalds:

Members have been meeting at Ken MacDonalds on Wednesday evenings now that there is not enough sunlight to fly. Members have been reading magazines, telling lies, Ken has been building his Electric mini Telemaster, doing things on Ken's computer, and having coffee to

mention a few things. John Ostromecky is going to build his Frog at Kens. Members invited to the fun.

Gamblers:

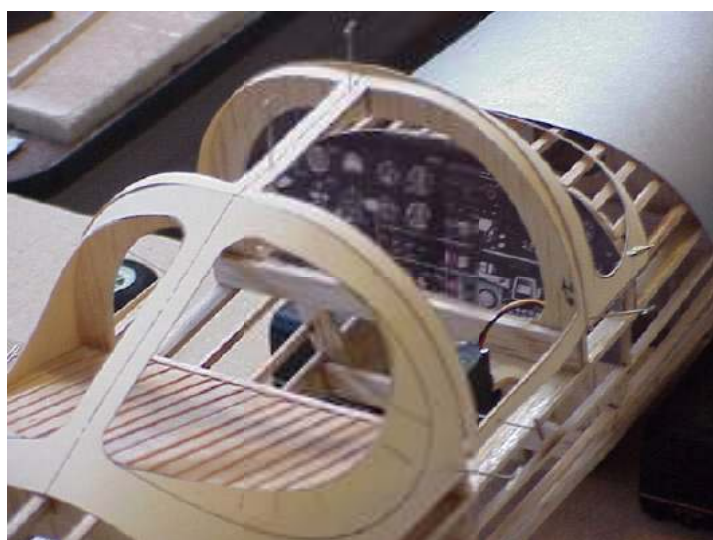
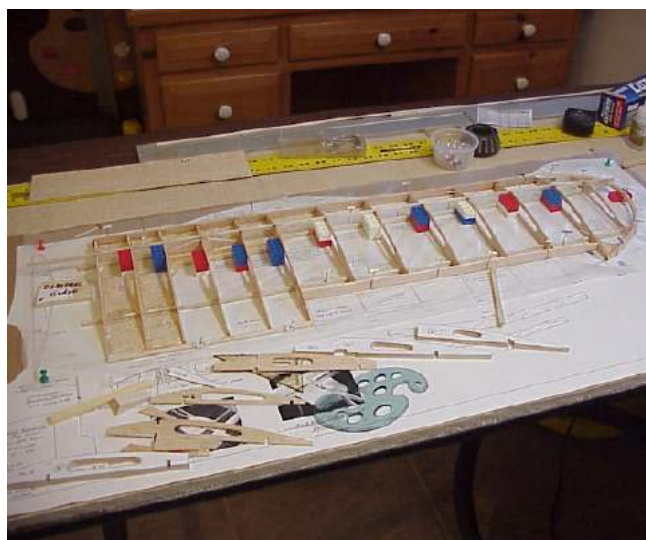
- We had two more Gambler AG kits available for purchase. They were sold in October. Two more kits have been ordered and will be available soon. With the Club \$10 discount and no shipping, you can pick one up for only \$65 each. Member that have built them say the quality of the kits and all the hardware that comes with the kit make it well worth the money. E-mail me to reserve yours TODAY.
- Here is a picture of Frank's new gambler. He has a little more work to get it airborne soon.



Member projects:

- **60" Ercoupe:**

Jack Pignolo sent me an e-mail and saying that he wanted the free Doculam covering that people can get if they purchase a Gambler. He also attached photos of his winter project, a 60" Rubber powered Ercoupe modified for electric power R/C.



- **Electric Telemaster conversion:**

Dick Rosenberg sent me a copy of his newly completed 40 size Telemaster kit that he has converted to electric. Dick is just waiting for a speed controller to try it out. He is using two 4 cell lipos packs in parallel to power this beauty.



- **Frog:**

John Cheetham completed another two planes this month. Here is his Frog that Frank Bennett cut out for him. John added a nice paint job to his. Here is what John said in an e-mail:



HI JIM

Flew the frog this afternoon after the wind went down and it flew GREAT. Half power is all it needs And it goes great. I guess you got the right combination for that. Thanks for setting up the ESC .

CATCH YOU LATER JJC

- **Sikorski s16:**

John Cheetham is scratch building a Sikorski S16 short Kit from Aero dyne, It has a 39 inch wingspan and uses a geared speed 400, on 7 cells. He is covering it now.



DSC BAM/DSC Glider and electric fun fly 22 September:

We were able to fly throughout the day, even though in the morning Mike lost his glider in the low ceiling fog after a launch. Several others lost their plane in the fog too. The wind kept up throughout the day but flyers did not let it stop them from flying. The meeting before the Fun Fly, open flying, the Pot Luck picnic, 2-meter contest, and the Gambler contest were a lot of fun. I'll put the pictures that I have and the ones that Mike Bergerson sent me in the next newsletter. **If anyone has any pictures,** I would appreciate a copy for newsletter consideration. Will also include contest results and other details of happenings in the next newsletter. Have to many pictures in this one to include the Fun Fly details.

Gambler Power Pod Tests:

John Emery has made some interesting power pod test with different motors and has some wonderful results. You are going to have to wait to the meeting or next newsletter to hear all about it.

Happy Safe Flying,
Jim

**Sloping at the Promenade after the November 2007
DSC meeting. Jim, Dan and Glenn did a little sloping.**

