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AMA Club Charter #2988
<http://www.downeastsoaring.org>

DownEast Soaring Club Upcoming Events

Event	Date	Time	Location
December Club Meeting	Saturday, 12/9/2006	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, 1/13/2007	9am coffee/pastry, 9:30 Business meeting, 10:30 Show & Tell (Slope afterwards?).	Bookland Coffee Shop, Cooks Corner, Brunswick *See Note 1
February Club Meeting	Saturday, 2/11/2007	9am coffee/pastry, 9:30 Business meeting, 10:30 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.

August and October DSC Meeting notes:

(Reminder: The September meeting was cancelled because of the Electric Fun fly being scheduled for same day.)

DSC meeting 12 August 2006: VP Glenn Collins Chaired this meeting and sent the Club president the following e-mail note:

Hi Jim,

Not much of a meeting. Just me, Kenny, and Bob. So no minutes. I did just receive the Secrets of Thermal soaring vid from Larry. I gave the Electric Revolution and Vacuum Bagging to Bob.

DSC meeting 14 October 2006: VP Glenn Collins Chaired this meeting and sent the Club president the following e-mail note:

Hi Jim,

Attendees at the meeting in Oct where me, Kenny, charlie, Mike Farnsworth, Dan Flyn, Bob Berry, and Mark Higgins.

\$736 in the DSC funds. Discussed the Cox warbirds for pylon racing. Presented Allens handlaunch glider kit and the potential for club events around the



design. Mark discussed some of his recent contest experiences at Charles River. Mike said that he did not have the time to organize a handlaunch glider contest this year. Showed the watch being auctioned by the club. Gave away a few magazines. I had a couple of Fan fold electrics

Show & Tell: I recently made. The design in the picture is based on a model called the Tee Dee bird, a free flight design from the 30s. It was found on the following web site which has a number of plans from old modeling magazines from the 30s and 40s:

<http://www.theplanpage.com/index.htm>

I wanted something similar to the frog design members have been flying with a bit more of a nostalgic flair. The motor on the top prevents broken props. The model uses an EPS 100 with a 540 mah liion battery. Pull pull controls keep the weight down. Great slow flyer. Passed on the plans to Bob Berry. Maybe some templates could be made up for Glider building nights. Happy to send the plans to anyone interested.

Another good site with loads of free flight models is:

<http://www.geocities.com/dmlivesay/>



Could be enlarged and converted to electric.
Glenn

PS Good meeting today (I.E November 11th, 2006). I hope flying went well. Good ideas to increase club interest. I like returning the focus back to gliders some more. Thanks for the motor. I like that Johnson motor for small fast electrics but there tough to find now.

DSC Meeting Minutes of November 11, 2006

(As recorded by Jim Armstrong)



MEMBERS PRESENT: Ken Mac Donald, Glenn Collins, Bob Berry, Fran Carignan, Frank Bennett, Charlie Kerr and Jim Armstrong.

TREASURES REPORT:

Ken MacDonald gave the treasurer's report and it was accepted by the membership. \$790.13. Includes 74 of dues. Ken told Jim Bob Constable paid too.

President Jim Armstrong said he will provide Ken monthly reports of what is in the Club's Pay Pal account. Below lists the balance a few days after the meeting.

PayPal Account Balance [View Limits]	
Currency ?	Available Balance ?
U.S. Dollar:	\$221.78 USD



SECRETARY'S REPORT: NONE

OLD BUSINESS:

FOAMY COMBAT:

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 wasn't 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: Don't forget to ask for one for Christmas.

CLUB GLIDER:

- The club needs a couple of standard servos for the Bird Of Time. The micro servos keep stripping. Mike offered to donate two standard servos. (Jim can drop by anytime to pick them up...)

November Update: no status.



DSC DRAWING LIBRARY:

BACKGROUND:

- At the last meeting, the Club approved taking the drawings out of the two Club magazines and make 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 3 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.

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.

DSC PATCHES: Background: Bob Constable was wondering about caps and/or patches with the DSC logo on them. Mike said that someone should be pursuing this idea. The club may be able to get a bunch of patches made and sell them to members for cost plus \$1.00.

July update: Looking for the someone. Any volunteers.

November update: No one has volunteered.

STAUER WATCH AUCTION:

Background: Jim sent an e-mail to everyone telling them about the watch donation by Fran Carignan. Also the watch was showed at the October and November DSC meeting.



November Update:

Glenn said that the Web site showed that it goes for \$150. Watch was passed around. Bob Berry made a bid for \$35.00 At the December meeting the Auction will end. The highest bid will get it if bid more than \$5 over previous bid. So be present or send your bids to Jim Armstrong before the meeting.

NEW BUSINESS:

WEDNESDAY GLIDER NIGHT:

After we turned back the clocks we started to meet at Ken Mac Donald's house. Ken described that meetings as "Everybody talking at once and we all had coffee." Some of the going on: Bob berry brought his slow stick with a brushless to be checked out and is building a Foamfly.com Shark. Fran and Frank brought their Cox planes for viewing. Dick Rosenberg brought some items to be checked out. John Ostromecky brought his Slow stick to build and is going to build a Frog. Jim brought purchases from Allerc, Balsa products and Rchotdeals. Paul Johnson came by to share some good tips. All club members are welcome.

PLUG FOR GLIDER FLYING:

Ken Mac Donald told us a story about the confidence and fun he got from lying a gentle lady. He told us about someone he knew that was trying to fly a power plane. He would fly, crash, sick to his stomach, repair it and do it again. Ken gave him a glider kit to build. It was a Step II glider. He started to hi start it at the field and flew the wings off it. After a while he went back to his power plane and could fly his power plane without crashing it. He got his depth perception and confidence on the glider.

OFFICER ELECTIONS:

DISCUSSED

Jim, Ken and Glenn said they would continue with their Officer duties if elected. Jim said he would contact Mike Farnsworth and see if he will continue to perform the Club's secretary duties. If all officers are interested in running again, and no one else runs for any of the positions, 1 ballet will be cast for the current officers and voted on by the Club members.

DSC FREE MAGAZINE RAFFLE:

- Several Club magazines were raffled at this meeting and pictured here. Winners were **CHARLIE, FRANK AND KEN.**



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'm 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 Golividov, 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 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 2 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 tips from Ezone. Jim will pick up 5 kits and have the Club's 2 available for sale at the club December meeting.

SHOW AND TELL:



Jim Armstrong showed his Air Hogs Radio-Controlled Storm Launcher Vehicle, on 27 Mhz Stormlauncher also know as the Storm Launcher can fly and drive over almost any terrain. Cruise through the waters or air in style with the new RC Storm Launcher by Air Hogs. Insane all terrain! High speed on any terrain, wild jumps, amazing stunts! Take to the air from land or sea with Storm Launcher. This cool little toy will also work on ice and snow.

Made of a Durable foam construction and uses twin motors for precise control on land or in the air. Storm Launcher can perform loops, banks, and even fly upside-down! You're in total control with the Storm Launcher.

Storm Launcher can hover over water and tear across the ground before taking off – despite no wings - and then hit a scale-speed equivalent of 200mph. Flip it, roll it, loop it, this twin-propelled craft looks like it's fun incarnate. The twin electric motors make it stable on land and in the air it measures 20 x 15.5 x 6ins (L x W x H). It weighs in at 270g and has a range of 300ft.



Glenn Collin's fan fold model design he called the dynamite. Uses a johnson 250 with gearbox and other motors. Fuse goes together quick. Bottom of fuse includes

horizontal stab so you don't have to glue the stab on. He heated the wing in an oven to get airfoil shape. 28" wing span. The square fuse jigs together for quick assembly using spacers that are removed when all the sides are glued together. Uses a curved fan fold wing with rudder elevator control. The first prototype used a direct drive j-250 and flew fine. So a direct drive 280 would be fine also. Using the all electronics 2 cell lithium pack weight came out at 8 Oz. With the kokams 6 oz. I took pics during the construction and can do a build article if people are interested. Can share the dxf plans too. Flew it in my backyard and flew great. Kept a half throttle because of space limitations. This could be an option for foamee combat.

PRESIDENT'S CORNER (JIM ARMSTRONG):

SUMMER MEETINGS:

Special thanks to VP Glenn Collins for chairing the summer meetings. I have been unavailable as usual for the Saturday summer meeting because they conflict with my horseshoe league. But as it turned out, because of my building project, I only made one event.

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. Or 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 shouldn't do any type of flying that might cause us to loose permission to park there. So I don't 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 meeting were only attended by me and another person or two because of inclement weather and 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.

Here is an e-mail from Glenn on the August meeting:

Hi Jim,

Not much of a meeting. Just me, Kenny, and Bob. So no minutes. I did just receive the Secrets of Thermal soaring vid from Larry. I gave the Electric Revolution and Vacuum Bagging to Bob.

WEDNESDAY GLIDER/ELECTRIC FLYING NIGHT: Weather this Fall wasn't very good for flying, just like this summer. This year the weather has been terrible for Wednesday night get togethers. This was the worst flying weather I can remember. Looking for great weather next year. The little that we tried to have theme nights showed that we should continue with them next year. Frog Combat, Pylon, DHLG, Powered plane piggy back launching of gliders, Biplane theme night will be announced.

COX WARBIRD AND AIR HOG BIPE MAKE GOOD GIFTS:

Remember a past newsletter that showed John Emery with his P47 Cox warbird, which flew great. Real stable and it handles some wind. He uses a 2 cell e-tec 450 lipo and the stock motor 130. It uses 2 micro servos for rudder and elevator.

Another nice present might be the Air Hog biplane that comes with a lipo and you control it by varying the 2 engines for right and left rudder. Lots of fun and it even flies indoors.

DSC VIDEO LIBRARY CHECKOUT PROCEDURE: During subject discussions the checkout procedure was mentioned. It was suggested that we put it out in the newsletter and put it at the top of the DSC library listing. Eventually the video list and checkout procedure will be put in the "Member Only" section of the DSC Web site and only current members will have access to it.

Happy flying,
Jim

P.S. DSC VIDEO LIBRARY and CHECKOUT PROCEDURE included below:

DSC LIBRARY CHECKOUT PROCESS:

1. Members can view what is available by going to the DSC Web Page.
2. All you have to do to obtain an item is send an e-mail to the librarian Jim Armstrong (or call) to let him know what you're interested in. He will let you know if it is available. The listing on the web site will be periodically updated as to who has what video but isn't real time.
3. Let the Librarian know how you want to get. Options are: A. Pick up at a meeting if you let him know a few days before that you are going to be there. B. Pick it up at his house. C. Pick it up on Wednesday night glider night. D. Pick it up at a contest/fun fly.
4. The librarian will update the master list on his computer to indicate who has checked out an item.
5. Items should be returned directly to the Librarian and not given to someone else. This is because we have lost track of items. There is one exception to this. The person, who has the item checked out, can give it to another Club member but must put out an e-mail to the Club listing saying who they gave it to.

Note: Jim's computer has crashed several times and if other people get the e-mail on who you gave it to we may be able to recover the information.

<i>SERIAL NUMBER</i>	<i>TITLE</i>	<i>DATE SIGNED OUT</i>	<i>PERSON RESPONSIBLE</i>
DSC-A	1983 MARCS Book		
DSC-B	1984 MARCS Book		
DSC-C	1985 MARCS Book		
DSC-D	1986 MARCS Book	2/17/95	Carl Trottier
DSC-E	1987 MARCS Book	2/17/95	Carl Trottier
DSC-F	1988 MARCS Book		
DSC-G	1989 MARCS Book		
DSC-H	1992 MARCS Book	Missing	Does anyone know who has this book?
DSC 1	Aerospace Composite Product Review		
DSC 2	NERCSC "93"		
DSC 3	NERCSC "93"		
DSC 4	NERCSC "93"		
DSC 5	NERCSC "93"		
DSC 6	NERCSC "93"		
DSC 7	NERCSC "93"		
DSC 8	NERCSC "93"		
DSC 9	NERCSC "93"		
DSC 10	Hobby Lobby- UHU, Electric Junior, Pink		
DSC 11	Hobby Lobby- Sunfly, Race Rat, High Speed		
DSC 12	Hobby Lobby- Excel W310, ASW22 B270E		
DSC 13	Hobby Lobby- Cherry II Sailplane Review		
DSC 14	Hobby Lobby- Graduate, Freshman Electric		
DSC 15	Cutting foam Cores & Making Templates		
DSC 16	Vacuum Bagging Fiberglass Wings		

DSC 17	DSC Fun Fly BAM Field 1993		
DSC 18	DSC Fun Fly BAM Field 1992		
DSC 19	The Great Race, June 8-9, 1991		
DSC 20	Glider Down Under		
DSC 21	Airtonics Vision 8 programming		
DSC 22	Vacuum Bagging and Cutting Cores		
DSC 23	91 F3B World Champs, AMA & LSF Nats 7 Slope Soaring Cape Cod		
DSC 24	Birdworks		
DSC 25	Elmira Aerotow "96		
DSC 26	Old Buzzard goes Flying. Dave Thornburg		
DSC 27	"The 3 R's of Soaring" by Joe Wurts.		
DSC 28	Endless Lift II		
DSC 29	Electric Airshow	3/8/03	Dave Martin
DSC 30	International Hand launch		
DSC 31	Lift Ticket		
DSC 32	Soar Utah Adventure (2nd copy)		
DSC 33	Viking Race 98 F3F		
DSC 34	Endless Lift (1st one)	3/8/03	Dave Martin
DSC 35	RC Soaring from the Ground UP	4/9/05	Jared
DSC 36	Electric Airshow #2		
DSC 37	Endless Lift III		
DSC 38	Redline Sky (includes Going the distance)		
DSC 39	California Flyboys		

DSC 40	Getting started in Electric Flight		
DSC 41	Gas to Electric Conversions		
DSC 42	Advance Kit conversion		
DSC 43	Aerosmith "Sheeting Foam Cores"		
DSC 44	RCA Secrets of Thermal Soaring (VHS)		
DSC 45	RCA Secrets of Thermal Soaring (DVD)	8/2006	Glenn Collins
DSC 46	RCA Pro AeroTow (VHS)		
DSC 47	RCA Pro AeroTow (DVD)		
DSC 48	Just Want To Fly		
DSC 49	Vacuum Bagging Made Easy (DVD)	8/2006	Bob Berry
DSC 50	DSC members doing Slope Soaring Combat at the Sandpit and Promenade		
DSC 51	Endless lift III		
DSC 52	Just Want To Fly "2" (DVD)		
DSC 53	PSS Masters		
DSC 54	Handlaunch PRO Clinic		
DSC 55	Composite Molding Made Easy		
DSC 56	Performance Tuning	Frank Bennett	3/10/2006
DSC 57	Electric Revolution	8/2006	Bob Berry
DSC 58	Handlaunch Building Clinic		
DSC 59	Glider Introduction		

	Flight and Summer Day Soaring (Full size soaring)		
Volume 1	RC Video Magazine V1		
Volume 2	RC Video Magazine V2		
Volume 3	RC Video Magazine V3		
Volume 4	RC Video Magazine V4		
Volume 5	RC Video Magazine V5		
Volume 6	RC Video Magazine V6		
Volume 7	RC Video Magazine V7		
Volume 8	RC Video Magazine V8		
Volume 9	RC Video Magazine V9		
Volume 10	RC Video Magazine V10		
Volume 11	RC Video Magazine V11	Missing	Does anyone know who has this video?
Volume 12	RC Video Magazine V12	Missing	Does anyone know who has this video?
Volume 13	RC Video Magazine V13	Missing	Does anyone know who has this video?
Volume 14	RC Video Magazine V14		
Volume 15	RC Video Magazine V15		
Volume 16	RC Video Magazine V16		
Volume 500	Striking Back		
Volume	How to build and fly		

501	a PT40		
Volume 502	Jets		
Volume 503	1988 Scale Masters		
Volume 504	Dodgson Designs Sailplanes		
Volume 505	Princeton Airfoil Tests		
Volume 506	War Birds Mini Reno & Ducted Fan Fly		
Volume 507	1989 Scale Masters	Missing	Does anyone know who has this video?
Volume 508	Vacuum Bag Wing Construction		
Volume 509	Harrier & other British Ducted Fans		
Volume 510	RC Video Review Magazine #3 (1990)		
Volume 511	Vacuum Bagging Fiberglass Wings		
Volume 512	Cutting Foam Cores & Making Templates		
Volume 513	R/C Follies	Missing	Does anyone know who has this video?
Volume 514	R/C Airborne Video		
Volume 515	1990 FAC Mark VII Nats		
Volume 516	ACE/RC Float Fly 89		
Volume 517	1990 Scale Masters		
Volume 518	Making Fiberglass Molds	8/13/03	Jeff Carr
Volume 519	Dura-Plane The Movie		
Volume 520	You Too Can Fly RC Helicopters	Missing	Does anyone know who has this video?

Volume 521	Airplane Video Co.		
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