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AMA Club Charter #2988

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<http://www.downeastsoaring.org>

December 2013 issue of the DSC's "Quiet Happenings" Newsletter

Downeast Soaring Club Upcoming Events

Event	Date	Time	Location
DSC Christmas meeting and Yankee Swap	Saturday, 12/7/2013	9 AM sharp; till 11:30 AM	Topsham Public Library; 25 Foreside Road, Topsham
January 2014 DSC Business Meeting	TBD (Watch your e-mail) Usually 2 nd Saturday of every month during the winter months	TBD (Watch your e-mail)	TBD (Watch your e-mail)

Note: #1 Change to an event will be announced by e-mail and posted on the DSC web site as soon as it is known. Check your e-mail before coming to a DSC event.

MEMBERS PRESENT AT SOME OF THE DSC MEETINGS AND WEDNESDAY FLYING SESSIONS THIS SUMMER

James Armstrong, Ken Baker, Frank Bennett, Robert Berry, John Cheetham, Robert Constable, Joel Eckhaus, John Emery, Mark Higgins, George Hughes, Charlie Kerr, Tim Martel, Frank Powers, Symon Rankin, Dick Rosenberg, John Sredynski, Al Strout, Forrest Sumner, Peter Upton, Jay Wiley, Tim Will and Dave Martin. Sorry if I missed someone.



Wednesday, 22 May 2013



**Wednesday,
2 August 2013**



Saturday 24 August 2013

TREASURES REPORT:

- Treasurer John Emery provided a copy of the treasurer's report to all members at one of the meetings.
- DSC 2014 DUES:

Here is the info on ways to pay DSC dues while our Treasurer John Emery is wintering in Florida:

1. Cash: \$12.00 to ~~DSC Treasurer John Emery~~ or James Armstrong. See Note #1.
2. Check: \$12.00 check **made out to** "Downeast Soaring Club". Check can be delivered in person or mailed to (~~DSC Treasurer, John Emery, 59 Andrea Street, Topsham, ME 04086~~) DSC Acting Treasurer, James Armstrong, 292 Foreside Road, Topsham, ME 04086. See Note #1.
3. PayPal: \$12.50 PayPal payment to Downeast Soaring Club account at downeast-soaring@comcast.net. See note #2.

NOTES:

Note 1: One of the rules of the Topsham library is "The Conference Room may not be used to ... exchange money or other property...." end quote. Therefore, at the Topsham Library, dues may only be paid before or after the meeting in the parking lot.

Note 2: PayPal charges DSC a fee for every \$12.00 received. This fee amounts to 67 cents, so to off-set this cost, the club has decided for those using PayPal, the dues will be \$12.50. This seems to be a reasonable added cost for members to use the convenience of PayPal if they wish to do so. This PayPal account) is used exclusively for DSC funds.

SECRETARY'S REPORT: Any Correspondence provided by the Club Secretary Mike Farnsworth was passed on at the meeting.

OLD BUSINESS:

RC FIELDS:

Paul Johnson has been actively lobbying the town for access to the NASB former Radar site on Old Bath Road. A town committee has been formed which will meet in the near future to discuss uses of the site. Paul hopes to be on the committee. A portion of this large site is allotted for Sports fields; this would still leave plenty of area for a flying site. Thanks Paul for your efforts.

- No recent updates.

DONATIONS TO CLUB:

Previously, Jim mentioned that he had received planes from John Emery and Forrest Sumner. Planes will be used as fund raisers. 2013 DSC members will have first shot of purchasing them.

John Emery's Sig Riser was sold during a DSC Club Silent auction to John Seredynski. John, Tim W. and Jim A. have flown it at the Bowdoin field and love the way it handles. Special Thanks to John Emery for the donation.

DSC FREE MAGAZINE RAFFLE:

Club magazine raffle were held at each meeting.

DSC DRAWING LIBRARY:

Plans from Club magazines are pulled out and shown to members for checkout. Several were shown. John Cheetham donates his RC Model World Magazine to the Club each month. Here is one of the magazine plans that he used.

Rowan's Runabout is another one that John recently scratch built. Plans were from RC Model World of England. Powered by three A123 Life batteries. It flew right off the board with no trim changes at all. One neat thing that John modified was the tail. He made it out of foam board because it would be cheaper, easier, and



lighter. He did edge the rudder and elevator hinge joint with 3/16 inch x 1/2 inch balsa. It adds strength and keeps the surfaces straight. Nice bright colors.

NEW BUSINESS:

DSC MAGAZINE SUBSCRIPTIONS:

- Jim A. received a flyer from “RC Sport Flyer.” He asked if the Club wanted to subscribe to this magazine. John Seredynski subscribes and said it would be worth it. Motion made to purchase the magazine. Passed unanimously.
- Jim A. said that subscriptions for “Fly RC” and “Silent and Electric Flight” were coming due. He said he would renew them now.

FLIGHT DEMO FOR CASELLA WASTE SYSTEMS JRL OPEN HOUSE:

Mike Bergerson has been looking for slope sites. He has approached some of the organizations that control waste sites that are huge mounds and would probably work for sloping in many directions.

Casella Waste Systems was having an Open House that we were invited to do a flight demonstration. This way they could see what we would like fly there.

The Club DISCUSSED it and was for anything that might open some doors for us. They asked for a “waiver of some kind covering them for liability.” So we voted to apply for the AMA insurance certificate for this event. Motion passed unanimously.

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1. From: "Mike B." <freakflyin@hotmail.com>
To: "Jim Armstrong" <jamesiii2010@comcast.net>
Sent: Thursday, August 8, 2013 7:26:44 PM
Subject: Flying demo

Hey Jim,

The folks with the landfill up here are having an open house on Sept.7th with folks from the community, city and state representatives present. They want a flying model demo for the afternoon. They want a waiver of some kind covering them for liability. What is needed for a demo of this kind?

2. From: "Mike B." <freakflyin@hotmail.com>
To: "Glenn Collins" <gcollins@fairpoint.net>, "Jim Armstrong" <jamesiii2010@comcast.net>
Sent: Friday, August 16, 2013 8:35:16 AM
Subject: Demo for landfill folks

Hey Glenn.

The Demo is set for Sept 7th. We need to fill out Form #904, signed by a club officer and fax or email it to AMA. There is a \$20 fee which I will negotiate. I will get the rest of the info for the form as well. Site address and legal name for a later email (today).

Can you fly it with me on the 7th? Jim, would you like to fly as well?

SAFETY OFFICER: John Seredynski reminded everyone that before flying, equipment/planes should be checked out 100% i.e., Batteries cycled, batteries measured, control surfaces, range check, etc.

SHOW AND TELL OR JUST TELL

- Bob Berry brought in his lipo battery checker.
 - The new Hobbyking Cellmeter-7 with built in balance function really is THE must have tool for the RC Hobbyist, not only is it capable of instantly checking the overall and individual cell voltage of Lipo/Life & Li-ion batteries (with balance plugs fitted) it can also give you an instant reading of the remaining capacity of the battery at the same time, so no guess work!



- Bob Berry brought in his lipo powered hot glue gun. Beauty of it is it will make a minor repair so you can keep on flying. Glue sets up fast.



- John Seredynski mentioned that castle creation ESCs can be programmed for motor cutoff voltages. This will give you a wider margin of safety.
- Bob Berry asked if anyone had or was considering purchasing a Quadcopter. Bob B. mentioned he looked at buying an ARF. Tim W. told him of his experience flying one. Frank B. and Franny Carignan.
- Mark told us about a plane crash that Ray Labonte had. The Plane went in because his transmitter LiFe transmitter battery went down.
- John Seredynski mentioned that we should be careful of flying during very low temperatures. Run your flight battery a little. This will bring up the internal temperature of the battery

PRESIDENT'S CORNER (JIM ARMSTRONG) :

THANK YOU:

- I would like to thank Tim Will for sharing his wife Mary's fabulous blueberry muffins and other goodies. Also to Pete Upton for the Donuts.



- I would like to thank Jay Wiley for his do.nations to the Club.



FLYING AT THE BOWDOIN FIELD:

Here is Bob Constable flying way up high.



MONSTER PATTERN PLANE:

At one of the meetings Paul Johns presented a monster of an electric Pattern plane he has been working on. The plane is a German design E-Factor F3A. Its maiden flight was OK but the landing gear failed on a fairly good landing. So Paul has since redesigned the landing gear and increased the Lipo Cell count to improve performance. Waiting to hear how it went.



NEW SCRATCH BUILDING.

Our Club is fortunate to have a bunch of prolific builders. John Emery has been finding some great planes. Some Club members liked them so much they built some too (Polaris, Mako Shark, Me 163) Dick Rosenberg found some great flying electric pusher jets. John Emery built one and others are planning to build some too.



- John Emery scratch built a Messerschmitt Me-163 Komet. He made it out of fan fold foam. Design came from a guy in England. He didn't have any plans, just a drawing with measurements. John made some templates out of posterboard from the measurements. He brought them to Florida and will build one there. Controlled by elevons and rudder.

John Cheetham built one too using John's templates. It flew really good and does a great knife edge and flat turn. It is a very stable. He finds it to be a real nice plane for him.



- John scratch built two Star Ship Enterprise. The designs were both different designs. Made out of rc model foam. Plans were downloaded off the internet. Lights that were used were from Lazer Toys. First one had just elevons and the second one had ailerons and elevator. The second one was more maneuverable. Painted with Walmart acrylic paint. Both around 20 ounce all up weight. Frank Bennett liked John's so much he is building one right now.



- Dick Rosenberg scratch built two great flying foam pusher jets. The first one was a F18 V3 (The Smart Plane) The second one was a F35 V3 Scale Trainer. They were made out of 6 mm depron. Used nothing but hot glue to assemble. Nothing else. Hinges are just reinforced strapping tape. Motor is a Turnigy #2826 2200 KVA, with a 6x4 prop. Same motor as used on the Polaris. He flew the F35 on a trainer cord with Tim Will and loved it. After John Emery saw the F18 fly he built a F35. This winter several

members want to build the F18.



- John Cheetham scratch built a ME 163 out of Dollar Tree Foam Board. He varnished the paper to make it water resistant and it really works. Then He painted it. Real simple build and John has he pattern if anyone wants to cut one out. It flies OK but John says it needs a little more power. Maybe a different motor would help.

- John built a super cool Cartoon Mustang. Made from a short kit that had some plastic parts and plans. Made from 3mm sheet foam (cellfoam 88). Flies well. Aileron, rudder and elevator control.



- John scratch built this Canard Pusher. It has elevator control in the front and has ailerons and a rudder. Flies very good. Just need to make sure you have enough speed for takeoff. He uses a big gold motor on 3 A123 LiFe batteries.



- John scratch built a Jabberwock this Month. Plan was from an old RCM magazine. It is almost ready to be flown. John said it is a big box of air and should fly great. He is using 3 A123 LiFe batteries and is using a big motor. Plane is very light and should be a real floater. It was a real contest plane in its day.



- Ken Baker is building a huge Wilga. He brought it to the Bowdoin Fun Fly. The Wilga makes a great Aero Tow airplane.
- In an e-mail Ken said "Sometime of the course of the winter we can schedule a meeting here at my house and folks can see the progress on the Wilga."



DECEMBER DSC MEETING AND CHRISTMAS SWAP AND SILENT AUCTION FUN RAISER:



The day before the upcoming party, John Cheetham and I set up the library meeting room with tables, chairs and some of the Silent auction items.

[ANTI-CRASH TECHNOLOGY \(ACT\)](#)

If you need a picture of how to hook up ACT in a Fun Cub, contact Frank.

Frank Powers said:

From: frankpowersjr54@yahoo.com

Hi Jim I have attached the pic of the ACT wiring to my receiver, not sure if it will be of any use to anyone who does not own a super cub.

Anti-Crash Technology (ACT). ACT ensures your first flights are smooth and stable by using special optical sensors and software that analyze your flight path. If ACT "sees" you are losing control and entering a steep dive, it reacts quickly to help prevent a crash by actually helping you regain control.

Happy safe Flying,

Jim