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<http://www.downeastsoaring.org>

June 2016 issue of the DSC's "Quiet Happenings" Newsletter

Downeast Soaring Club Upcoming Events

Event	Date	Time	Location
DSC Business Meeting, Social and Show & Tell	June TBD	TBD	TBD
DSC Business Meeting, Social and Show & Tell	July TBD	TBD	TBD

Note: #1 Changes to a scheduled event will be announced by e-mail to Club members. Check your e-mail on the morning of the event to see if it has been cancelled for an unforeseen circumstance.

Minutes of 23 April 2016 Downeast Soaring Meeting:

MEMBERS PRESENT

Mark Higgins,
Tim Martel,
John Curtis,
John
Cheetham, Jim
Armstrong,
Dick
Rosenberg,
Bob Constable,
Frank Bennett,
Jim Rochette ,
Fran Carignan ,
Frank Hilton.
Guests: Kody
Noyes, Todd
Noyes, Kevin
Karnes, Aidan
Martel, and Frank Hilton



TREASURES REPORT:

None. Treasurer Ken Baker had to work.

SECRETARY'S REPORT:

Prior to the meeting Secretary Mike Farnsworth provided Jim with his input for the meeting. Mike said:

From: "Michael Farnsworth" **Subject:** RE: DSC meeting this Saturday.

I will be posting the newsletter in the next 20 minutes or so.

Going to Mass to watch Eric in his UMaine Concrete Canoe race. He is the team captain. I will not be able to make the meeting.



Go Maine!

- Mike said he sent the DSC Web Site Hosting bill to Treasurer Ken Baker.
- Mike and Jim completed the State of Maine DSC's incorporation paperwork. The Yearly incorporation paperwork to the state of Maine was made with revisions and payment of yearly fee. Jim paid the fee with the Club's Credit card online.

OLD BUSINESS:

UPCOMING EVENTS:

We plan on continuing to cover Upcoming Events in the Old Business section of our newsletter. Members should keep their eyes open for any upcoming events and try to find out if any of the following are planned:

- BAM Swap
 - TBD
- Sanford Jet Rally and Model Expo:
 - September 8 to 11th 2016
 - See flyer at the end of this newsletter.
- Any other events?

NEW BUSINESS:

DSC DRAWING LIBRARY:

A plan from a Club magazine was pulled out and shown to members for checkout. Someone checked it out and will be made available to other members.



AMA AND FAA RULES:

Tim asked if there was anything new because of all the recent incidents. So Members had a discussion of the AMA and FAA rules. Questions asked and interpretations provided. There may be changes in the future, so keep your eyes open for bulletins from AMA.

WEDNESDAY NIGHT GLIDER/ELECTRIC NIGHT:

Wednesday night Glider/Electric night at the BAM field is starting. Some members come between 4 and 5 PM. Others a little after 5 or 6 PM if the wind is up.. Usually, the later it gets the lower the wind speed. However, if the wind is blowing/gusting good, members may wait for another day.

DSC FREE MAGAZINE RAFFLE:

Each member was given an opportunity to take home a free RC magazine.



SUMMER CLUB MEETINGS:

Now that the weather is good (really?), Club meeting will not be held at the Topsham Library. Members will be notified by e-mail when and where they will be. Since these meeting are outside, they are weather dependent. You probably won't get much notice because it depends on the weather forecast and other factors. So check your e-mail before you leave, because the event may have been cancelled due to weather or other reasons.

DSC RC YARD SALE/SWAP:

Because Jim was able to obtain the use of the large conference room, a RC Swap was scheduled as part of this meeting. The Club showed several planes that were part of the DSC Fund raiser and sold three of them. . Members brought things in too and sales were made.



SHOW AND TELL

- Mark Higgins showed how you can built a very cheap ALES (altitude limited electric soaring (ALES)) competition plane without using lots of composite carbon fiber for the fuselage. Mark used a fiberglass fishing pole, which he found at a yard sale, for his boom. In ALES your motor run is 30 seconds max or it you attain 600 feet your motor cuts off. Your task may be to stay up for up to 8 minutes and then you have a spot landing. Timing starts as soon as it leaves your hand.



HERE IS HOW THEY DO TI:



Designed for the new 200m altitude limited electric soaring (ALES) format, the CAM is small, light, and easy to install. Just plug it in between your receiver and ESC. That's it! The CAM automatically shuts your motor down at 200 meters or after 30 seconds per the emerging ALES rules. This new competition format promises to put the "soaring" back into electric sailplane contests. Even inexpensive RTF models can compete!

The CAM has selectable cutoff altitudes of 100m, 150m and 200m, and does not require a computer to program or use. You can easily change the cutoff right at the field. With the CAM you can make multiple climbs to cutoff without having to land.

- Bob constable brought in a AMA dart that he converted to electric. He used a 100ma battery with a spectrum brick (which includes ESC and 2 servos). He showed us how it flew and it is was fast.

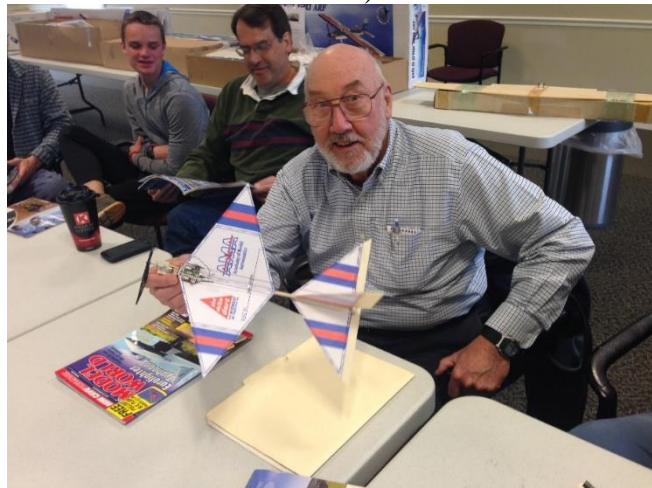




Figure 1 Watching Bob Constable getting his electric Dart ready to FLY.

PRESIDENT'S CORNER

(Jim Armstrong):



FLYING AFTER THE MEETING:

- Several brave souls went flying after the meeting. It was very windy and gusty. Jim Rochette, one of our fairly recent members flew his 3D plane. My heart rate went up a few times, but for no reason. Jim R. did a fantastic job flying 3D movement requiring skill and care. Not only did he do the moves, he did it in the most adverse conditions. I hope to get a few tips from him on flying 3D.

- Bob Constable was going to maiden his glider that has an electric motor that collapses into the fuselage when he want to just thermal.



Bob Constable painted his wing tips with water based temper paint and it didn't eat the foam.



NEW MEMBERS AND GUESTS:

At the April meeting members introduce themselves to guests and new members. Those new to the Club were asked to tell us about their RC interests. It was very interesting and varied.

Guests who joined DSC: Kevin Karnes and Kody Noyes

NEW BUILDING PROJECTS

John Cheetham has been very busy building this spring:

- John built a "Sparky." 55 inch wingspan, 8 inch cord, 3 cell 1600 lipo, and a 9 inch prop.



- *John completely scratch built this "Gool." 108 Inch 3 piece wing and 17 inch cord. The motor is a 36 inrunner. It uses a 6 cell composed of two 2200ma 3 cell batteries in series. It crashed twice, because complete control was lost intermittently.*



- *First crash was into the trees near the road. Wing was found on the ground with two little dents. Fuselage was found 10 feet away darted into the ground. Just the tail broke off. Easy fix.*
- *Second crash was 500 feet east up the road that goes by the end of the north runway. Fuselage was found on the ground. Only damage was a broken tail bold and a couple of dents on the stab. (Miracle). After a lot of looking, the mostly clear covered wing was spotted 60 feet up on a hackmatack. John found a small dead pine tree between all the growths. It was about 55 feet long. If held up way over your head it would just about touch the wing. It would only move it a little. Frank made a suggestion to add another branch to the end to make it longer and sturdier. We tied it with 2 of our handkerchiefs. We took turns holding it up. After about 20 minutes it started to move more than a little. Once moved it slid all the way down to the ground. Only had one break on the leading edge and a couple of punches in the clear covering. Another Miracle.*
- *Wing now has a lot of fluorescent covering, which should show up good. Through a lot of testing, it became evident that signal to the receiver was blocked by all the metal from the motor mounting plate, In-runner motor, ESC, and batteries. A new receiver with a satellite receiver attached has been installed. Haven't tried it yet. More to come.*

- Currently John is building this:



Happy safe Flying,
Jim

Volunteer Sign Up

www.mainejetrally.org

Pilot Registration

The Maine Jet Rally & Model Expo is making a return trip to the Sanford Seacoast Regional Airport September 4th through 7th. On the heels of a very successful event in 2013 in which we introduced the action packed world of Radio Control Hobbies to thousands of spectators, the local R/C community looks forward to hosting this grand event once again. We're inviting fun-loving RC pilots, as well as RC drivers and Control Line pilots to participate in this action packed hobby extravaganza

Driver Registration

This two-part event offers you – the RC Jet, RC Heli, CL pilot and/or RC driver – to have a blast in a friendly low-key environment for two exclusive days: Thursday and Friday. Then on the weekend, the Maine Jet Rally soars to a new level where you're the star of the show for thousands of public spectators. You'll be joined with other RC and full-scale aviation specialists from around the globe to continue the fun by delivering dazzling, non-stop hobby entertainment that will thrill and inspire an audience of all ages.

September 08 - 11 2016

As a registered RC pilot, attendance benefits include:

- Airplane 100 x 2,500-foot paved runway with 1,000-foot ceiling
- Helicopter 600 x 1,000-foot flight box
- Regulation Control Line Combat/Stunt circle
- RC Car track
- Private flying Thursday and Friday
- Air show Main Event Saturday and Sunday
- Saturday night flying ballet
- Private show participant party and awards
- Access to thousands of aviation fans
- On site exhibits and food and vendors

RC AIRPLANE FLIGHT

MICRO FLIGHT

RC CAR TRACK

CONTROL LINE FLIGHT

NIGHT FLYING BALLET

HELI FLIGHT

PARTICIPATE IN THE
EVENT OF THE YEAR

Register Online:
Coming Soon

For More Information:
Ray Labonte
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havefun@mainehobbies.com

- RC Airplane Demonstration Area
- RC Heli Demonstration Area
- RC Micro Flight Demonstration Area
- Control Line Flight Demonstration Area
- RC Car Track Area
- Demon Staging (Restricted)
- Spectator Areas
- Vendor/Food Areas
- Night Flight Area