President

Jim Armstrong 207-725-5758

Secretary
Mike Farnsworth
207-729-7290



AMA Club Charter #2988

Vice President Glenn Collins 207-547-2030

Treasurer
John Emery
207-841-4615

http://www.downeastsoaring.org

March 2011 issue of the DSC's "Quiet Happenings" Newsletter

Downeast Soaring Club Upcoming Events

| Event | Date | Time | Location |
|---------------------------------|--|-------------------------|---|
| March 2011 DSC Business Meeting | Saturday, 3/12/2011 | mosting 11 AM show 9 | Topsham Public Library; 25 Foreside Road, Topsham |
| 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.

DSC Meeting Minutes

INTRODUCTION:

This newsletter will include a merger of our meeting minutes since the last newsletter. President Jim Armstrong chaired the January meeting. VP Glenn Collins chaired the February meeting as Jim was unable to make the meeting as he was taking care of his grand-children. Special Thank You to Glenn Collins for providing minutes of the February business meeting and Show &Tell items.

MEMBERS PRESENT JANUARY MEETING:

James Armstrong, Bob Constable, Mike Bergerson, John Cheetham, John





Seredynski, Dick Rosenberg, Glenn Collins, Pete Upton, Bob Berry, Steve Everett and Mark Higgins.

MEMBERS PRESENT FEBRUARY MEETING: Glenn Collins, Frank Bennett, Bob Constable, Bob Berry, Dick Rosenberg, Paul Johnson, Pete Upton, and John Cheetham. John Seredynski and Charlie Kerr

TREASURES REPORT:

- Acting treasurer Jim Armstrong provided a DSC financial report at the February Meeting.
- VP Glenn Collins reviewed financial report input and asked for volunteer:
 - Acting treasurer Jim Armstrong provided a DSC financial report for the February meeting: He said "No expenditures or monies received since last meeting".
 - Glenn asked for a volunteer for the Treasurer position No takers.

SECRETARY'S REPORT:

• Mike sent an e-mail to Jim and gave him an ANNOUNCEMENT from ANOTHER Club. He couldn't make the meeting as he made a COMMITMENT with his son Eric.

o Hi Jim, Here is some "correspondence" for the meeting tomorrow I will not be able to make it. I had already promised to take Eric skiing...

Mike

o Hi Jim,

The re-charter package came in the mail today. I also received the AMA safety poster and a flyer for a Northern Connecticut RC function. I can not make the meeting tomorrow. I am taking Eric and his friends skiing for his birthday.

I will drop of the stuff tonight.

Thanks, Mike

- CLUB MEMBERS SAID THE AMA SAFETY POSTER SHOULD BE POSTED IN OUTHOUSE SO PEOPLE CAN REVIEW IT.
- Announcement:

THE NEW HAMPSHIRE FLYING MISFITS

AUCTION 2011

SATURDAY, March 26th
\$2 ENTRANCE FEE
TIME:
DISPLAY -9:30 AM TILL 11 AM

AUCTION –11 AM TILL 3 PM PLACE:

American Legion Henry J Sweeney Post #2 251 Maple St Manchester, NH 03103-5401 (603) 623-9145

☐ 10% Commission on Sales No Buy Back Fee Cash Only –Including Members

 $\hfill \Box$ Open to the Public

☐ Display & Raffle

☐ Great Food Concession

 $\hfill\Box$ Call Dennis Bourgeois for info at

(603) 669-2246

☐ Website is

http://www.nhflyingmisfits.org

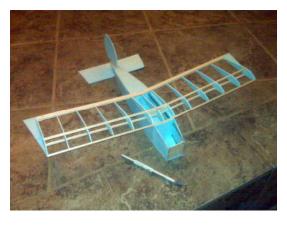
OLD BUSINESS:

INDOOR FLYING:

Glenn gave an update on the continued flying in Unity. John Phelan has added additional days. Still Sunday s from 8:30 to 10:30 and usually later unless the basketball team is there. Here is an updated schedule.



Drew Phales is flying rubber with us now. I am flying exclusively rubber also. You have a couple pics Drew's



flying some nice scale models. My models on the bench are a profile Citabria seen at the meeting, a profile Stahlwerk MK 5 and an Avionette, a man powered flying bicycle attempt from 1911 (pic). Bob Constable routinely joins us. He recently built a high wing fuse model made from ridge vent foam and a cnc cut wing. Powered by the 2.4 GHz and micro servos used in other micro models. Flew great. John Phelan continues to amaze with his micro creations.

Mike Bergerson joined us the last time and is working on a couple of indoor electrics for next time (pic). Glenn related that he would be happy to drive people from Augusta to Unity if they wanted to come up.



NEW BUSINESS:

BAM INFO:

- O Bob Berry reported that BAM is working toward raising the dues. Talking about raising it \$10.
- o February: No update on BAM dues increase.

SAFETY OFFICER:

- John Seredynski mentioned that he burnt his fingers soldering. One way to prevent this is using the "jigs up." Good to secure item being soldered. Draws a little heat from item and helps prevent overheating. John Cheetham said it is a nice rig and worth it if you do a lot of soldering on connectors. You have to watch out as **you could short your leads.** It holds things and it is heavy
- John cautioned that were it is building season make sure your equipment covering irons, soldering irons etc are turned off when you complete your building session. He also suggested topping off your transmitter batteries periodically over the winter to avoid surprises in the spring. He noted that Lipos like to be stored long term with about an 80% charge. This will prolong the life of the battery.
- Dick Rosenberg said when you're building a new plane and your done soldering it is a good idea to keep the prop off. See picture of Dick's thumb latter in the newsletter.
- Mark said he lost a glider when he took his eyes off his plane and when he looked back he focused on someone else's plane who had red wing tips too.

• Some discussion of AMA rules changes. No details yet but may likely apply to FPV remote view aircraft. The rapid advances in technology in this area was discussed including toys that can be controlled with a smart phone.

DSC DRAWING LIBRARY:

• Jim showed the following drawing which will be added to the DSC Drawing Library for member checkout.



- Mike Bergerson brought in plans to the CannonShot. Little biplane that can be used for indoor or outdoor.
- Microwold is free online as of January. http://www.co-op-plans.info/rcmw/RCMW-VISITOR.pdf

DSC FREE MAGAZINE RAFFLE:

• Each attendee was given a free raffle ticket for a RC Magazine raffle.



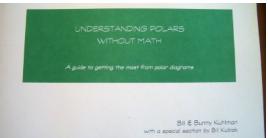
SHOW AND TELL OR TELL

- Mike Bergerson brought in a Turnigy transmitter glove.
- Bob Berry brought in a scratch built plane called "combat foamie" from plans in an AMA magazine.
 The magazine gives you a site to download the plans.





• Bob constable showed us a book he is donating to the club, "Understanding Polars without Math." Who wants to be the first to check it out?



• Mike Bergerson brought in "frsky" 2.4 conversion package. It comes with an 8 channel receiver. And plug in module for JR radio.

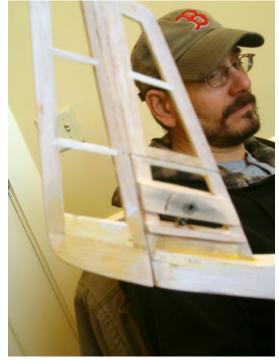


• Steve Everett built his own CNC machine and is learning 3d cad. He is cutting molds for frogs. You can have one for free if you come down and lay up your

glass yourself. If you want Steve to do it for you it will be \$20. He should have the first one done sometime this Spring.

- Mike Bergerson modified a spirit ARF.
 Mods include:
 - Changed it into a full flying elevator. Used vertical stab and just added pieces to make the full flying elevator
 - O Wing bolts on now.

Note: Mods are supposed to make it fly way better. Mike saw one fly and it flew way better.



Dick brought back his Fiesler Storch nearly complete this time. He was having trouble with 1 servo sticking. He also was disappointed in his Hitec Optic 6 that it did not have a pot on the side that he couple vary the position of the flaps, only a switch that would give him full up full down. Dick noted that despite being an ARF there was still lots of set up work because of the number of servos and complexity of

the flap and slot set up. (pic)



We then got into a discussion of the Optic 6. John Seredynski mentioned he has a couple and likes the radio. There are different versions of the radio out there with slightly different options so take note. Glenn pointed a great deal currently at BP hobbies. An Optic 6, spectrum module, case and receiver for \$189. A good radio easily updated to 2.4 GHz.

Bob Berry relayed a simple throttle fail safe tour transmitter. He suggested wrapping an elastic band up and around to hold the throttle stick down until the plane is ready to fly. This keeps the throttle from being bumped accidentally with potential dreadful consequences. "We then all pointed at Dick" heeeeheee.



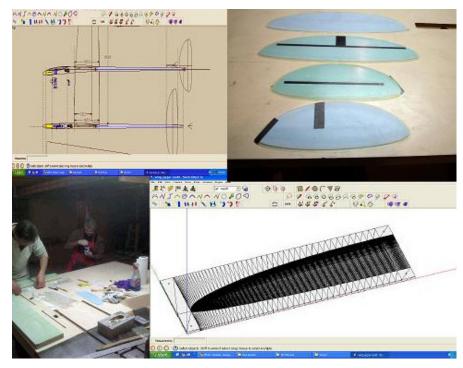
Charlie showed us his new Minimoa sail plane. (pic). This is a molded foam ARF from Hobby King. It is powered with a small brushless motor with a folding prop. You just need to add your receiver and battery. Model delivered was \$136. (36 for shipping). Charlie noted he liked the model so much he (accidentally?) ordered two of them. This made Pete Upton happy who promptly bought the second one off him.



Charlie also relayed the many uses of a cane when you get to be an old timer. He relayed that when his car wouldn't start this morning he used the cane to pry the hood open and pop the battery caps off. You can also beat the car with the cane if it doesn't start you'll feel better at least. Message from Sqt Kerr to Major Rosenberg: "I regret to inform you that I can not comply with that order Sir. You can take the tow and".

Glenn reviewed a composite building project that he, Steve Everett, and Mike Bergerson are working on. We are attempting an all molded hollow core DLG (pic) Glenn has completed the CAD files for the wings, fin and stab. (pic) These were machined on Steve's CNC machine (pic). A few weeks ago we had our first building

session and layed up the fin and stabs. These came out well. (pic). Our first attempt on the wing was a bust; we had a vacuum problem and didn't get good lamination. Steve had to go back down to the Gulf to work but we will continue when he returns. Mike and Glenn also got together last weekend to work on making composite tail booms. Still need practice. Do a search on "roll your own tailbooms" on Regroups to see the technique.



PRESIDENT'S CORNER (JIM ARMSTRONG):

SAFETY HINT:

In a paragraph above, John cautioned to make sure your equipment covering irons, soldering irons etc are turned off when you complete your building session. I have left my Hot Glue Gun on several times until I started using a programmable timer. They are only a few dollars and well worth the price/effort. The one I have has these little buttons around the dial. I just press them in to get about 2 hours of on time. To turn on I just move dial to get the pointer at a pressed button. Once the timer dial moves past a pressed button the timer turn off. It would normally go back on once every day, after the dial turns all around to a preset button. So, I rewired the timer. Took it apart and changed the input to the timer motor so that it comes from the wire attached to the output 115v receptacle on timer. So once you turn the dial to a preset on button power goes to the timer motor. Once the motor turns past a preset button power going to the Hot Glue is turned off and so is the power to the timer motor. This prevents the item from coming back on the next day.

Frog Combat:

- o I'm putting this paragraph in again because I hope that everyone has a Frog this summer.
- This summer we did combat using the Frog as the plane of choice and Cray paper streamers. Everyone in the Club should own a Frog. Easy to repair and is very stable. Because of this it is a great plane when it is windy.
- Take note of the picture. You can see a piece of Blue Cray paper rapped around John Emery's motor. John scored a point and won the round when he cut my Cray paper streamer. Nice flying John!!!



Member Projects:

o Two of John Cheetham's most recent scratch building planes are shown below:





Friendly reminder to check your e-mail before leaving to attend a meeting/event as it may have been cancelled because of weather, sickness, personal conflicts or other reasons.

Happy safe Flying,

Jim