



**Next Club Meeting:
December 7nd at
7:30PM**

- Location:
Newark Senior Center
- L29 Video
- Next Club Event:
Freeze Fly Jan 1, 2011

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Glitch Busters

Delaware R/C Club, WWW.DelawareRC.org

Prez Sez

Since there were no other nominees, Mark McQuaide and myself (John Kirchstein) were elected by acclamation to be Treasurer and President, respectively, for the next two years. I would like for someone who is willing to be the next president to step forward, be on the Board of Directors and learn the club operation, so they may be in line for the next cycle.

Dues are payable for 2011 with a \$5.00 discount if paid before Jan 15th. Dick Stewart will maintain the roster and he and the club officers will distribute membership stickers when you have your 2011 AMA card. Stickers may be obtained from Dick, Mike Ronig, Vic Bernstein or one of the officers.

Annual passes for the park went on sale on November 26th and can be purchased online at <https://egov.dnrec.delaware.gov/egovpublic/dnrec/displ?doc=publicsubmenu&op=prlicense>. The office is open during the week for direct purchase until March 5th, when they resume 7-day operation. Park entrance fees are required from March 1 to November 30th. The pavilion has been wrapped for the winter. Dave Moyer and Greg Schock were aided by Mike Ronig, Brian Meehan and Mike Hrischuk. (Me too)

The Auction was well attended and did about as usual. See Dick Stewart's report...

This month's meeting will include a video that illustrates the building of "Race 21", an L-29 that was trucked from Beaver Falls, PA and prepared for Reno. The business part of the meeting will be short so that we can all view this DVD.

Our Perennial Volunteers (Dave, Mike and Greg) have promised to deep fry turkeys for the Freeze Fly. All members are, of course, urged to attend and bring your favorite side or dessert to add to the festivities. Bring your family and something to fly. It's always warm in the pavilion!

I'd like to wish all of you the happiest of Holidays and a great New Year!
John.

I was unable to get the minutes for November from Stan before the deadline. They will be included in next month's newsletter



Air Race 21 Ready for Reno

See the story of this plane on the "Race 21" Video at this month's meeting

New Stuff I like Stinson Reliant SR-10 BNF by [ParkZone](#)

Take a step back to the golden age of aviation with this model from Parkzone. The lines and markings just ooze class and make you wish you could fly in a real one. The model seems to handle the wind and the grass field well.



Flyzone Micro Albatross Rtf

Growing up my head was filled with daydreams of WW I dogfights. Camels, Triplanes, Albatross 'and Spads were the source of many beatings at the gentle hands of the nuns in grade school. When I could afford my first control line airplane, I chose the Sopwith pup instead of the PT -19 trainer, ignoring the warning *for advanced pilots only*. Now the daydreams are back thanks to the Flyzone Albatross. This little biplane really flies well. It seems to have limited aerobatic capacity but more testing is needed. The batteries seem to be the same polarity as the Eflite batteries. But please always check so you do not let the smoke out.

The speed of this plane is the best part as it can really zip along. The only issue with it is easy to solve. Near the tail, the elevator push rod exits the fuselage. When returning the plane to the box it is easy to catch this rod on the foam support and lift the Z-bend out of the servo wheel. I took an exacto knife to the support and carved away the piece that can contact the push rod and the problem was solved.

In the morning light this plane is a beauty. It handles wind and lands so well on pavement that I was still laughing when I came inside.

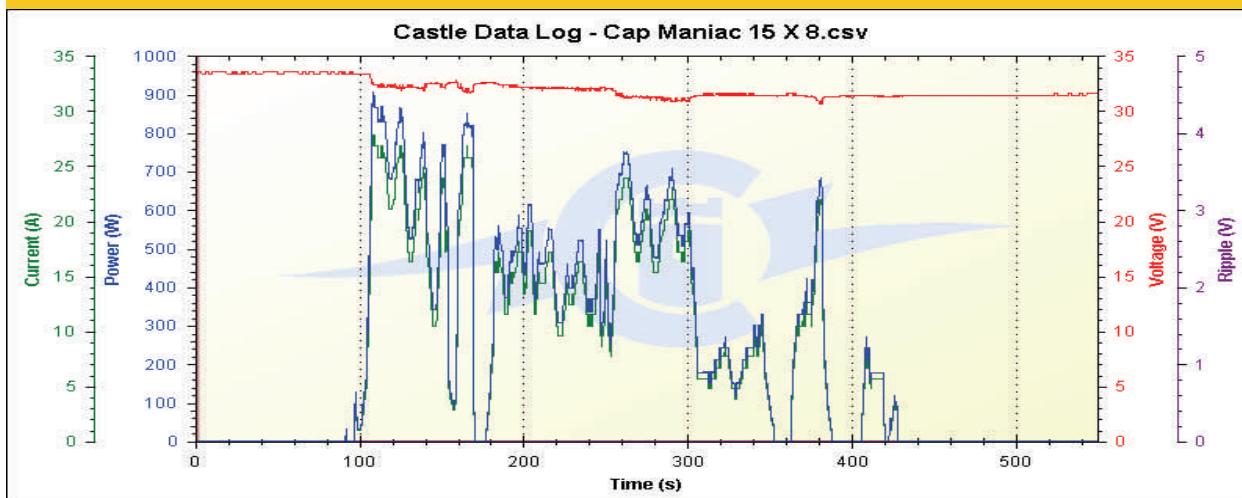


Pulso Motors from Danlions

<http://www.pulsosystem.com/motor/>

Motors are motors and some are so cheap that they can be disposable, but we put so much time into our planes that they deserve a good motor. I received a Pulso 4130-20 motor for \$27.80 during a free motor introduction offer. This motor ended up in the 9 Lbs 6 Oz capmaniac (cap 232). I was not sure if this motor was the right one for this plane. The specs said it could do the job, but it was a new motor. Well it can do the job. The most noticeable aspect is its efficiency. Efficiency is a measure of the watts the battery supplies compared to the watts that drive the prop. If the watts do not reach the prop they are turned into heat. Some low cost motors are really good heaters. The Pulso motors have been designed to maximize the power to the prop. Like my Model Motors AXI's they are designed for hard work with three bearings supporting the bell. The Cap's motor regularly pulls 1100 watts but does not get warm. After eight minutes of hard flying, it will still pull the plane straight up. During the summer I measured a temp of 137 °F on a 105 °F day before I had the best prop installed. They are more than the cheap motors, but your plane is worth it. Check them out here. <http://montorc.com/PulsoBrushlessMotors.aspx>

Here is data from the castle Ice controller. I ended up with an 18X10 prop. This test was for a 15 X 8 prop.



If you have not dealt with Jeff at Heads up Rc , you should.
<http://www.headsuprc.com/servlet/StoreFront>

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His products are very good, his prices are very good and his shipping cost is great. Where he sets his site apart from the others is in service. He can help you put together the power system for that one of a kind plane in your hanger. I have used his servos, motors, batteries, speed controls and props. He responded within a few days with the specs for a motor he no longer sells. His motors are well tested and well documented. If you cannot figure out what prop to use with all the information on his site, you are dangerous.

Club auction



Club Auction-2010

The Delaware R/C Club Auction on November 6th was very successful. The weather was great, contributing to an outstanding attendance number for the second year in a row. Table rental was full with two tables out in the entrance hallway. Lewis Schwab (sells adhesives) couldn't make the Auction & his tables remained empty. A reminder to table renters let us know if you can't make the event and you will get your fee back. We could have rented these empty tables! General observations were that there were a lot of good deals on the tables and also in the auction segment (buyer's market). Thank you to the many club members who made the Auction a success. This year again, we set up the cafeteria on Friday afternoon instead of Saturday morning. This action really pays off with a less hectic start. Volunteers included: Tony Albence, Paul Gustafson, Scotty Moyer, Mike Ronig and John Williamson.

Auction day Kudos to: John Krick-Tablemaster, Jim Lester-Security, Scotty Moyer-Registration, Dave Malchione Jr.-Pilot of Night Vapor Flight Demo, Mike Ronig and Bill Fairweather-Auction Sales, Tony Albence and Stan Michalski-Auctioneers, Paul Gustafson, Sharon Murphy and Paul Bryk-Ticket & Auction Sales, John Kirchstein (for being presidential), Boys Scouts (Troop 30)-Food and Rosaura Ramos the School Custodian. Thanks to all that stayed after the event to place the tables and chairs back in the original arrangement. A special thank you to everyone that purchased and/or helped in the sale of Gary Reisinger's and Frank McFoy's model airplane collections. Their relatives truly appreciated your support.

Winners: 50/50 = Bill Fairweather \$59.00, Raffle Prizes = Tim Mihalski (Little Toni), Ernie Herzog (P-47), Steve Doosa (T.T. Trainer) and the DE R/C Club Treasury = \$ 475.25
CD-Dick Stewart



Night Vapor piloted by Dave Jr was sold upon landing.



Club Auction



Raffle Winners



A Day at the Field

We had some great weather the weekend following the auction and the field was busy. Here are a few of the planes that stood out.

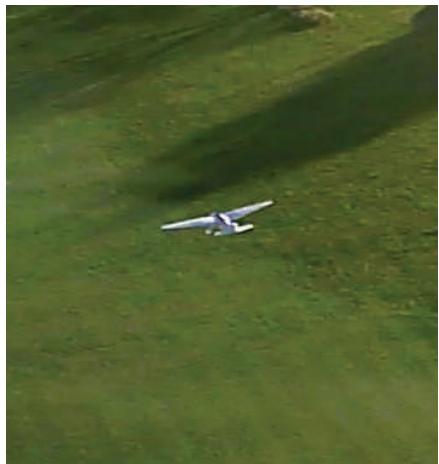
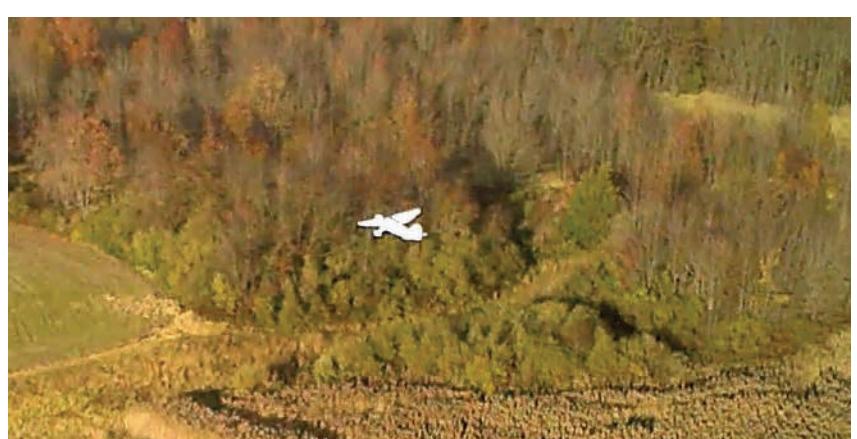


Stinson Reliant

Greg Schock image

Carl Cantera had this gorgeous plane built by an unknown modeler in Florida. It had a five cylinder radial for power. The engine never proved reliable in the Reliant. The aircraft moved to the Malchiones after Carl's passing. Dave Sr installed an Eflight Power 160 motor, Castle Phoenix HV controller and Evo Power batteries. The lines and quality of this model are something that has to be seen. I felt privileged just to hold the tail.

A Day at the field Stinson Reliant



These images are from the Vado camera mounted on the Multiplex Mentor.

Glitch Busters



Scott McLurg image



Comp ARF 40% Yak



Stan's New Biplane



Dave, Vinny and Pete engaged in many furballs. Dave finally made solid contact with Vinny and foam was flying. Dave has hopped up his T 28 with a power 10 motor. He says it is a drop in upgrade. Vinny's pilot was scared into ejecting.





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Delaware R/C Club, WWW.DelawareRC.org

Glitch Busters is a monthly publication of the
Delaware RC Club

Set Your Course for Upcoming Club Events

Saturday, January 1, 2011

Freeze Fly

Pay your dues before January 15th—Save \$5.00

Additional Waypoints of Interest

Take a look at the National Museum of the US Air Force at Wright-Patterson
<http://www.cds.org/forums/viewtopic.php?t=381> Photos by a guy who calls himself Armyjunk. At the bottom of the thread he points to other links. Great photos of museum pieces, well worth a look.