

March, 2006

AMA #197 / IMAA#687

Glitch Busters

Delaware R/C Club, WWW.DelawareRC.org



Cooper, Karlsson and Damiani Win Early Membership Drawing

Paying Club dues before January 15th gets you a \$5.00 discount and entry into the early renewal drawing. Winners need not be present to get a prize, but those who are may choose from the selection. This year's drawing was held before a large group of expectant members, but the winners were not in the house! So the winners were called in the order they were drawn and given their choice of merchandise. Bob Cooper, Bob Karlsson and Vinny Damiani should have had a pleasant surprise waiting for them after the meeting.



The Prizes: Machinist's Chest, Irvine Engine and a \$50 Gift Certificate

Next Club Meeting: March 7, 2006

- Location: Wm Penn HS Cafeteria 2
- Raffle: TBA
- Program Topic: TBA -
- Next Club Event:: Two Tony's Electric Fly-In: May 20, 2006

Coming Events

This is the season for shows and flea markets.

Central Penn is sponsoring the big Lebanon Flea Market on March 11th. a good size group of us just came back from the latest version of the WRAM show in White Plains, NY. April 7th brings the granddaddy of all the shows—Toledo. You should try to get to one or more of these

events, just to see the variety of "toys" available to us.

The Two Tony's is coming up soon. Get the word out! Let's make this one a big success. Bring an electric plane of any sort, bring a friend with a plane (or without). Jim Schlapfer has some nice prizes and a few events in store for the participants.

Plans and pre-registration are well along for the Warbirds show. Dave and Pete Malchione are doing the usual great job, but need all the help they can get!

Two Tonys Electric Fly

All type electric planes

Date: May 20, 2006

Time: 9:00-4:00

Sign in: 9:00 AM

There will be games & Prizes and 50/50

COME FLY WITH US!

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Delaware RC Club Welcomes New Member:

Eric Barnett



Meeting Minutes

Delaware R/C Club: Minutes of the General Membership Meeting - February 7, 2006

President Dave Moyer called the meeting to order at 7:35PM.

New members/guests Tom Simpson and Terry Sohl introduced themselves.

Show & Tell

Jim Schlapfer displayed a Goldberg Anniversary Cub which he is converting to electric.

Dick Stewart displayed a Great Planes "Little Tony" ARF.

Old Business



Jim Schlapfer's Goldberg Cub



Reservations are still being accepting for the Annual Club bus trip to the WRAM show in New York. Trip is scheduled for Feb 25th.

Field grass seeding will be scheduled for March 5th. **(NOTE: we are moving the date back to March 19 with the rain date of March 26.)** The shed is in need of repairs this spring. More details later.

Dick Stewart commented on the R/C auction held by the Cloud Kings R/C Club.

Dick Stewart Showed his Li'l Tony New Business

The Club has signed a new 5 year (renewable yearly) lease agreement with the Park.

Stan Michalski commented on the Club's Training Program which is still being developed. The program will teach important skill that every pilot needs while providing a standard outline for flight instructors. The program is described to be "short, sweet, effective, and fun".

John Kirchstein and Stan Michalski gave a safety report which included:

There have been a lot of accidents due to crosswind. Crosswind landings and take-offs are tricky. Inexperienced pilots should seek assistance in such conditions.

Don't fly beyond your abilities. Know your limits.

Do not take off "cross field". All takeoffs must be down the center of the runway. Do not takeoff if your aircraft has veered towards the flight line.

Please don't hesitate if you see any safety violations or concerns.

Using the heli runway for emergency landings was discussed. The heli runway can be used for emergency landings only if: There are no heli pilots using the runway. If the heli runway is active, emergency landing must be communicated to the active heli pilots.

The Two Tony Memorial Fly will be held on Saturday May 20, 2006. This will be an electric only fun fly. CD Jim Schlapfer will need volunteers.

The **Fun Scale Contest** will be held on June 17, 2006. Tony Albence will need 6 to 8 judges.

The Early Dues Renewal winners are: **Bob Cooper, Bob Karlsson, and Vinny Damiani.**

Park stickers are required on all vehicles starting May 1, 2006. Park stickers are available for purchase at the Park Ranger's Station.

The Club has been contacted by the Wilmington Memorial Day Committee regarding their upcoming Veteran's Day Parade in Wilmington. The group is interested in a static display of military aircraft models. The Club will take out an ad in the parade event book which will feature our Warbirds Over Delaware event.

Paul Bryk discussed an upcoming Girl Scout event which is based on "Women in Aviation". The Girl Scouts are interested in having a R/C demonstration at their event on June 23, July 7 or July 21. Flying area would probably be small so electric aircraft would probably be best. For more info, contact Paul Bryk.

Treasurer's Report: Dick Stewart gave the current report of the Club Treasury.

50/50: This month's 50/50 winner was Tom Simpson.

The Meeting was adjourned at 8:44PM.

Respectfully submitted, Brian Pasternak, Secretary

The Three Deadly Sins of RC Flying by Jeff Procise

In the three years that I've belonged to the Knox County Radio Control club, Knoxville, Tennessee, I've witnessed my share of crashes and even thrilled my buddies with a few of my own. One thing that amazes me about this hobby is how often we crash. On any given weekend, one or two members will probably lose a airplane. What's even more amazing is that the vast majority of these crashes are entirely preventable.

Most crashes are caused by simple errors that we make before the airplane leaves the ground. Eliminate these errors and you'll have a far better chance of bringing the model home in one piece. Here are the three most common mistakes that lead to crashes and simple steps for avoiding them.

Wrong Model Number

Programmable radios make the sport more fun and arguably safer, too. One of the primary benefits of a programmable radio is that it can store settings for several models. With the click of a button, you can call up the settings for your favorite model, complete with trim settings, end-point adjustments, servo directions, dual rates, exponentials, and more.

But programmable radios have a dark side. If you fail to select the right model number before takeoff, you may find yourself flying with reversed ailerons, a reversed elevator, improper trims or throws, or other ailments. Rare is the airplane that lands safely when the radio is set to the wrong model number.

The solution is twofold. One, remember to check the model number the moment you switch on your transmitter and make sure it matches the airplane you're about to fly. Two, always check the movement of the control surfaces before flying. Even if you forget to check the model number, you'll almost always catch the error if you check the control surfaces before every flight.

Having a radio set to the wrong model number is the most common cause of reversed servos, but it's not the only cause. Occasionally we simply forget to program in the servo directions before flying a new airplane. Again—make it a habit to check the control surfaces before every flight and you'll head disasters off before they happen. Before flying a new airplane for the first time, get a second pair of eyes to go over it with you. If the ailerons are reversed and you overlooked it once, you'll probably miss it again.

Improperly Located Center of Gravity

There's an old saying in this hobby that says "A nose-heavy airplane flies poorly; a tail-heavy airplane flies once." Most beginners fail to appreciate how big a role balance plays in the performance of an airplane. Balance is important in full-scale airplanes, but it's even more important in RC aircraft, where an inch or so can make the difference between a model that flies well and one that's unmanageable in the air.

Most construction manuals specify where the model's center of gravity (CG) should be located, and a model shouldn't be considered complete until you've ensured that the CG is at or near the recommended location. If necessary, you can add a few ounces of lead to the nose or tail to achieve the recommended CG. Often adding lead isn't necessary; you can achieve the desired CG by moving the receiver battery backward or forward.

Be certain to check the airplane's CG before flying it for the first time. I usually mark the location of the manufacturer's recommended CG with short pieces of trim tape. That way I can check the CG even if I don't remember precisely where it's supposed to be. Assuming your aircraft's fuel tank is on or in front of the CG, be sure to check the CG with the tank empty. Finally, if your airplane has retracts that fold backward (like the F4U Corsair) check the CG with the wheels up.

Deploying the gear prior to landing will move the CG forward, but it's better to be nose-heavy during landing than tail-heavy during flight.

Inadequately Charged Batteries

If you crave excitement, try flying your favorite airplane without charging the receiver battery. To double the fun, don't charge the transmitter, either. Then you can take bets on which will fail first. Joking aside, charge those batteries before flying, and check them at the field if you're not sure whether they're charged.

Most transmitters have built-in voltage meters; I don't fly if the voltage is less than 10 volts—just to be safe. You can check receiver batteries with an inexpensive voltmeter (which should be part of every flight box), or you can install an onboard voltage indicator like the Hobbico VoltWatch. Remember—low batteries lead to dead airplanes. This is one case where an ounce of prevention is worth a pound of cure.



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WWW.DelawareRC.org

Glitch Busters is a monthly
 publication of the
 Delaware RC Club

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CENTRAL PENN AEROMODELERS ASSOC.
26th Annual Radio Control FLEA MARKET

PLACE: LEBANON FAIRGROUNDS
 Intersection of Cornwall Road
 and Rocherty Road, Lebanon PA

DATE: SATURDAY, MARCH 11, 2006
 (Regardless of weather)

TIME: 9:00 A.M. for General Admission
 7:00 A.M. for Table Renters Only
 Open 'Til 3:00 P.M.

PUBLIC INVITED!

GRAND PRIZE RAFFLE Includes Computer R/C FM Radio!
LARGEST R/C FLEA MARKET IN THE U.S.A.!
 41,000 Sq. Ft. indoors, 602 Tables of Bargains

...featuring: Radio Controlled airplanes, sailplanes, cars, boats, control-line airplanes, and related accessories.

Set Your Course for Upcoming Club Events	
Saturday, May 20, 2006	Two Tony Electric Fun Fly
Saturday, June 17, 2006	Fun Scale Contest
July 13 – 16, 2006	Warbirds over Delaware
July 28-30, 2006	Helis over Delaware

Park requires parking stickers May 1st Buy them now!

Don't forget to pay your club dues

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