

AS THE PROP TURNS

**EXPERIMENTAL AIRCRAFT ASSOCIATION
CHAPTER 315 NORTH JERSEY SHORE**



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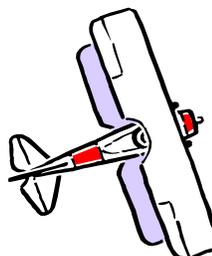
Minutes of the Meeting—April 2nd, 2007

The April 3, 2007 meeting was opened at 7:35 by President Glenn Stott. The minutes of the March meeting were amended and approved.





OLD BUSINESS

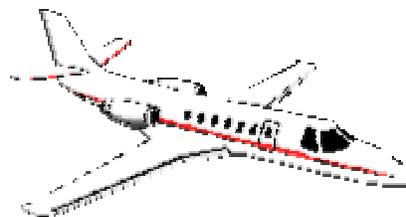


Treasurer Tom Goeddel reported on the Awards Dinner in March. We almost broke even, an improvement from last year. 44 people signed up and 41 showed up - including the speaker and his wife. The dinner went well. The speaker, Thomas P. Thatcher - former N.J. Director of Aeronautics and winner of the 2006 Aviation Hall of Fame "Fred Wehran Award", spoke of the present state of small airports in New Jersey. His talk was followed by a Q & A session.

The 50/50 of \$40 was won by a guest.



NEW BUSINESS



- **Young Eagles Day**

Young Eagles day will be on Saturday 9th of June, with rain date on the 10th, at Old Bridge Airport. Arrangements were discussed, and will be finalized at the May meeting. Various items of responsibility will be handled by the same members as last year. More control over the traffic flow of guests - children and adults - was discussed. It is needed to prevent any unfortunate incidents.

A suggestion was made that we hold the fall Young Eagles day at Lakewood airport. More discussion next month

- **Miscellaneous**

- AOPA has reached a new record in membership - 411, 187 members.
- A discussion of possible FAA user fees included information on very high user fees in Europe.

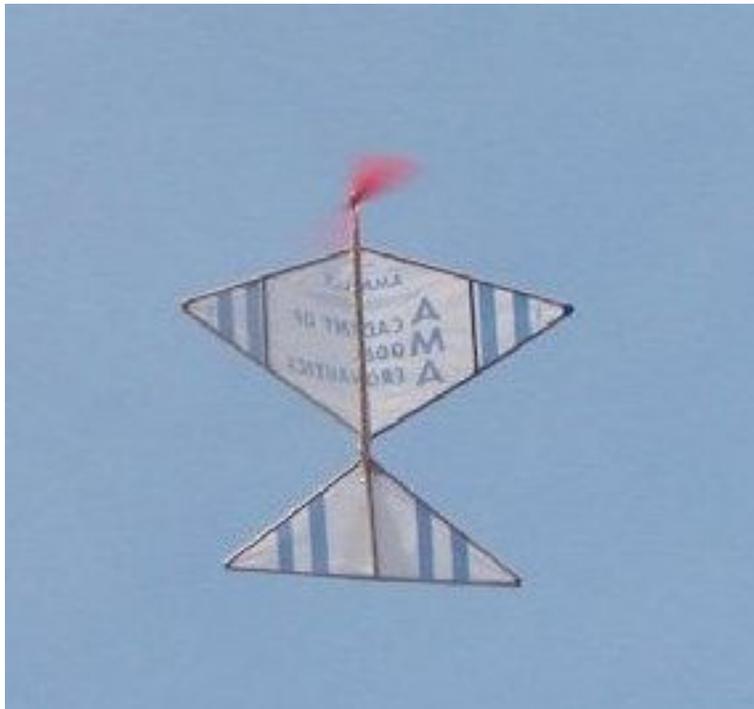
- Air Venture '07 in Oshkosh will have two F-22 Raptors appearing this year.
- The EAA SW regional Fly-In flew 600 Young Eagles at their event.
- George Honsch saw the Swift Museum in Tennessee recently. He thought it was a worthwhile stop while you are in the area (see <http://www.napanet.net/~arbeau/swift/> for more info)
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To close out the meeting Glenn Stott conducted a Q&A session on what is allowed and what is not allowed during a Flight Review, with some interesting conclusions.

Tom Goeddel wo the 50/50 - again! The meeting adjourned at 7:40. Next meeting on May 7th, 2007 at Old Bridge Airport.

Submitted by

Sec. Jane Finton



Awards Dinner 2007



President Glenn Stott handing out awards to chapter members who completed their projects





Eli's RV first flew in December 2006. Slightly behind schedule.



Tom Thatcher answering questions from the audience.

Guest Article

The following article was sent to us from HQ from other chapter's Newsletters. This is especially relevant as Young Eagles day approaches.

Youth Education Program Ideas

EAA Chapter 729

For several years, Brett Herrick with assistance from other chapter members has conducted aviation oriented classes at the Foundation for Youth in Columbus. He has funded this program himself with some financial assistance from the Columbus Airport and Chapter 729. The programs were initiated as a compliment to the Young Eagle Flight Program. The following is Brett's update on the FFY programs.

At the FFY, the classes continue to use the "Flight Site" that was at Parkside School. But, I have expanded these classes to include the following projects:

- Fantastic Flyer balsa glider
- FFY Flyer balsa glider
- Delta Dart balsa/tissue rubberband airplane
- "Bottle Rockets"
- Sled Kites
- Making Wooden Airplane Ribs
- Fly a remote control model airplane
- Flying Microsoft Flight Simulator
- Participating in a Young Eagle Flight Rally

There are two different ways to look at what the students gain by participating in these classes. Both are equally valid. First and most obvious, these classes are a chance to learn about aviation. The students learn about aviation by learning some affordable/age appropriate ways to be involved in aviation, some basic model making skills and they have fun. To do this, I have a series of projects that the students build and fly. Beyond this, they can fly a flight simulator or get to go flying in an airplane. The second way to view these classes is that it chance to learn basic skills that can be applied in many different ways. The skills learned can include basic math and science, weather, how to make things, goal setting and working in a group. The FFY calls this "stealth learning". I use aviation to make the classes interesting but we are teaching skills that can be applied elsewhere.

One of the things that I have found is that these classes need to be adapted to where ever they are offered. An example of this is that the Parkside Elementary School library, where we previously offered classes, has a great balcony for launching gliders. Whereas, the classes at the airport offered a nice outside area for flying models (i.e. outside the fence) and the ability to take the kids out on to the airport ramp when the models are drying. The classes at the Foundation for Youth have the ability to reserve the gym for flying models. But, these FFY classes need to be more flexible as attendance varies depending if the students are able to attend each week (i.e. may depend on which parent they are staying with that week or when they are getting picked up).

For these classes each student has their own set of tools that they use. This allows each student to focus on their own project. Students do not have to spend time figuring out where the needed tools went or if someone is making their project faster than them. Further, every attempt is made to use tools that are low cost and can be purchased locally (i.e. this gives examples of what they could use if they want to be making models at home). The cost of the contents of these kits is approximately \$30/each.

In making the model airplanes we want the students to learn how to build the models correctly and safely. The tools that the students use have been selected to be as safe as possible. Rather than use single edge razor blades we use razor blade holders to keep fingers further away from the sharp edge. The modeling knife that we use can not roll off the table. Students are directed to keep knives retracted or covered when not in use. The glues that the students are washable (i.e. when CA glue is used it is used by one of the adults). Also, the students are told early in the first session that horse-play will not be tolerated.

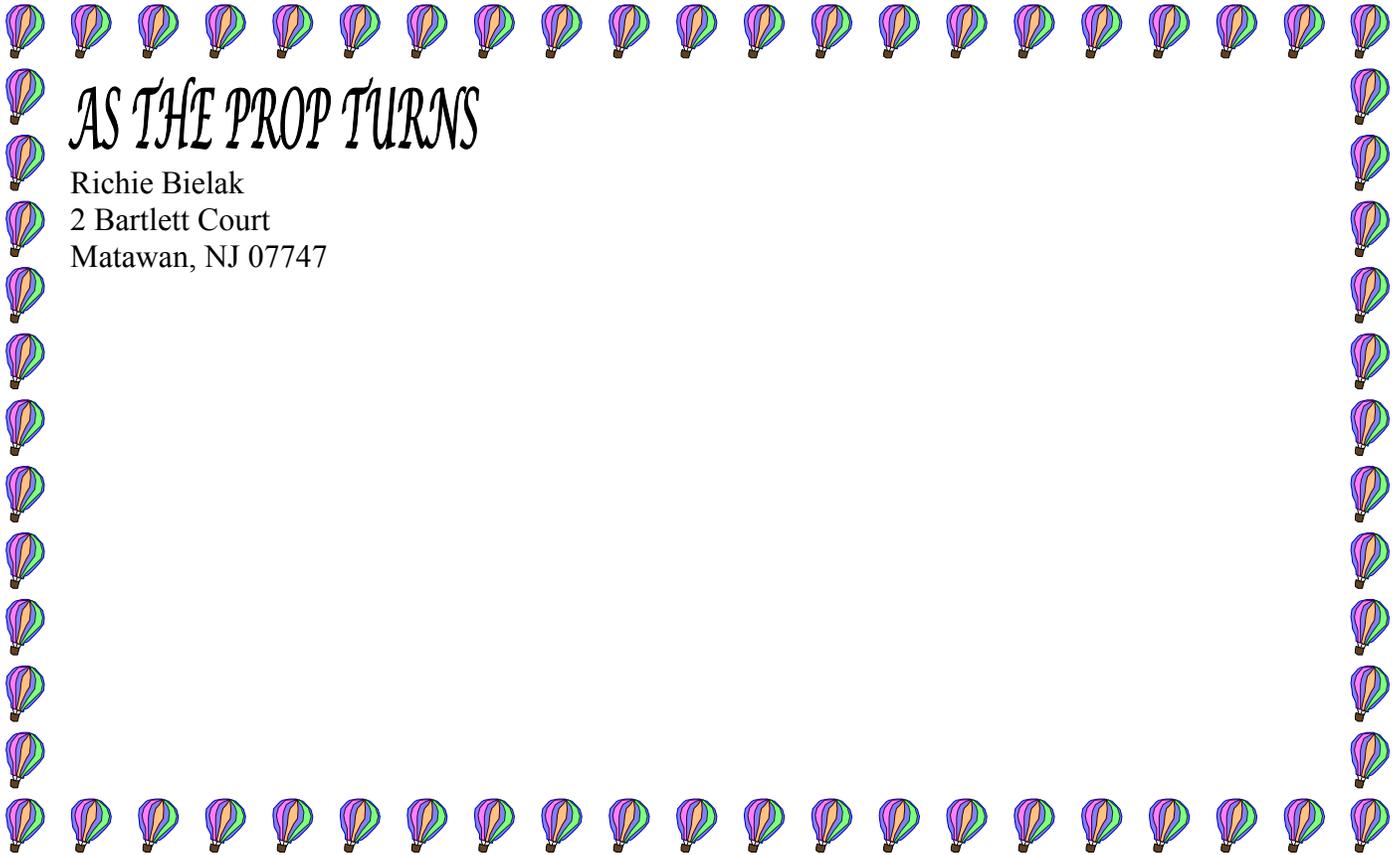
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In offering these classes I try to make sure each group gets to see the EAA video tape "Young Eagle". This tape is ten years old but it has an excellent message. Namely, that one needs to have goals and the only way to achieve ones goals is to work toward achieving them. It uses a boy and his chance to fly in Curtiss Jenny to demonstrate this. I view this as a very important message independent of where each of the student's interests may lead.

Another goal of these classes is to keep the cost of offering these classes as low as possible. An example of this is that the raw materials for projects are purchased in bulk and I can use my band saw to cut the wood to the needed sizes. The students then need to round off the ends and make some measurements to apply some reference marks. By the doing this, the cost of the raw materials for all of the projects except one can be kept to less than \$1.00/each. Another example is that 35 Delta Dart kits can be purchased for \$43.00. By keeping the cost low it isn't a big issue when something needs to be replaced due to errors in making the project or when repairing a broken project. Cost also is kept down by making my own jigs. Rather having to purchase the \$10.00 jigs for setting the dihedral of Delta Dart wings I made jigs from some scrap material. Also, for winding up the Delta Darts simple fixtures were made to hold them and a hand drill makes a good winder rather than purchasing these

Part of why I offer these classes is seeing the joy that the students have in taking these classes and part is knowing these students wouldn't be learning/exposed to these things if these classes weren't being offered. The students clearly want to be in these classes as shown by the disappointment of the students that can not be fit into a particular session. Or the joy when they get to see the projects that they made fly well and the surprise in finding out they get to take their projects home with them.

Until Next Month --- Fly Safely



AS THE PROP TURNS

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E.A.A CHAPTER 315 “As The Prop Turns”

Newsletter of the Monmouth-Ocean County New Jersey Chapter of the
Experimental Aircraft Association—May 2007
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**Next Meeting: May 7th, 7:30PM
Old Bridge Airport**