

# AS THE PROP TURNS

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



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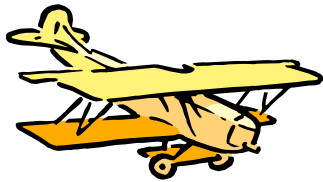
## February 7th , 2005 Meeting Minutes

The February meeting of EAA Chapter 315 was held at the aircraft factory, ah, er, home of **Eli Liebermann** in Ocean, NJ. President **Glenn Stott** called the meeting to order at 7:35 pm with 16 members present. A motion to accept the meeting notes as published in last month's newsletter was made by **George Honsch**, seconded by **Frank Fine** and accepted by the members present.

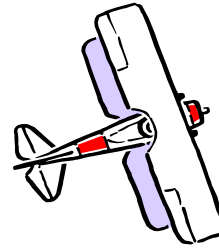
Since our treasurer, **Tom Goeddel** was not present at tonight's meeting, **Glenn Stott** relayed the current status of our treasury reporting that our chapter has \$1765.08 before receipt of approximately \$190.00 still owed the treasury from our last Young Eagle's event. The amount owed the treasury from this event was being sent to the treasurer and will be included in the March report. A motion was made to accept the treasurer's report as presented, seconded and accepted by the members present.

Dues are now payable for 2005 and are remaining at the same level as last year, e.g. \$20.00. For those not able to attend a meeting, they may send their dues payment to **Tom Goeddel** at the above address. If you have a change in the method by which you wish to receive your newsletter you may include that request with your dues payment or in a note or email to **Tom** with your change request.

There are a few 2005 EAA calendars remaining.....so you need to jump on this opportunity, your almost, nearly, surely to be you last chance to get one of these outstanding calendars.....



**OLD BUSINESS**



**LAKWOOD CLUBHOUSE CLEAN OUT UPDATE** - The status of our Lakewood clubhouse clean out was reviewed - the only items remaining are a set of speakers which will be picked up on the next trip to Lakewood. **Dick Augusty** also reported that the Jersey Aero Club has declined our offer to use our clubhouse for storage during the remaining winter season.

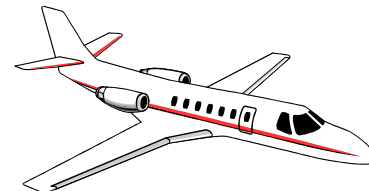
**AWARDS DINNER** - In a departure from the normal Friday night dinner, this year's Annual Awards Dinner will be held at 7:30 pm on Thursday, March 31st at Mimi's Gourmet Place, MiddleBrook Plaza, Route 35 & Deal Road, Ocean, NJ 07712. We'll order off the menu for a single price of \$20.00 per person which will cover our meal, beverage (the restaurant doesn't have a liquor license so you may BYOB) and dessert. Thursday evening was picked to minimize the number of other patrons at the restaurant and we've been assured to "have the place to ourselves" - or nearly so. **George Cowling** will be collecting at the door. Spouses and non-EAA folks are welcome too!! We have been gifted with a copy of and will hold a drawing for **KITLOG Pro** - a builder's log software package. We are still in the process of planning our entertainment for the event so if you have ideas or suggestions, please bring them to the March meeting.



**UPDATE ON BILLY GIBSON** - **Lew Levison** told the members present that **Billy Gibson** had been moved to Care One in Wall Township, an extended care facility. Care One is located at the intersection of Highway 138 and New Bedford Road. Visitors are always welcome.....drop by and pay **Billy** a visit - he'd really appreciate it. As of the date of this information, he's in room 111.



**NEW BUSINESS**



**PROPOSED BUS TRIPS** - **Lew Levison** reminded members present about our next bus trip to the "Cradle Of Aviation" at Nassau, Long Island. The trip is tentatively scheduled for early June, perhaps June 1st, a Sunday. Currently there are 10-12 members interested. More details as the date approaches..... A second bus trip tentatively scheduled for a September/October timeframe was proposed in an earlier chapter meeting this time to the National Aeronautics and Space Museum in Washington, D.C.....please make a note in your schedule books.

**OSHKOSH ATTENDANCE** - **Mario Escovar** and **Bill Fennelly** mentioned to the members present that they would be attending AirVenture this year and were looking for riders/partners to the event. They said that rooms at the University of Wisconsin nearby were \$200 for a room with 2 bunk beds in it. Perhaps there are others who will be attending also. Since this may be the case, **Dick Augusty** will be putting an interest and contact section on our website for those looking to attend or who are looking for travel partners and / or room mates for part or all of the week.

**FLIGHT NIGHT AT THE MONMOUTH COUNTY FAIR** - We've been asked to participate in the Monmouth County Fair's Flight Night again this year. Flight Night will be held on July 27th beginning at

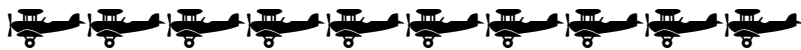
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5pm. Volunteers are needed.....**Eli Liebermann** may be able to help.....other members expressed their concerns about helping as this is also Oshkosh week. More details at our next meetings.

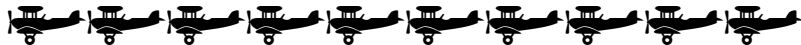
**MARCH MEETING** - The EAA Chapter 315 March meeting will be held at Innovative Power Solutions, **Eli Liebermann's** place of business, 22 Meridian Way (off Industrial Way West). Directions are as follows: Take Route 35 South (or Route 35 North to the jug handle at Industrial Way) to Industrial Way West. Meridian Way is the 2nd street on the right. Innovative Power Solutions is on the right near the end of the first set of buildings. If you need directions you may call Innovative at 732-544-1075. See you there !!

**VAN'S AIRCRAFT DVD** - Van's Aircraft has offered EAA Chapters a copy of their latest DVD, The RV Story and current Van's Aircraft Catalogs to be used for educational purposes with the Chapters. We've received our copy and it went out on loan to **Law Levison** who will be bringing it back to the March meeting so that others may borrow it. I have my own copy and recommend it to anyone interested in metal aircraft construction, anyone interested in airplanes in general, and anyone who likes to see scenery from the northwestern part of the U. S.

**COASTAL PATROL** - **Law Levison** called Sheriff Oxley to inquire about whether he was going forward with instituting this program this year.....only to find that the sheriff was out. A follow-up call will be made and we should have more information at this month's meeting.



**MISCELLANEOUS**



- **Frank Fine** announced that the next meeting of the Lakewood Airport Committee will be held February 8th and encouraged members to attend the proceedings and voice their ideas and issues for the betterment of the airport. Perhaps he'll have a review of the meeting at our next meeting.
- It was announced that the FBO at Lakewood Airport is going to / has sold the operations to the banner towing operation at the field which should help stabilize operations at N12.
- EAA National is looking for nominations/recommendations for amateur built aircraft inspectors (ABDAR's). Should you have candidates, please talk with our president **Glenn Stott** or submit your nomination using the EAA website [www.eaa.org](http://www.eaa.org)
- A reminder about our EAA Chapter 315 web site - we've updated it's address formerly, [www.eaachapter315.org](http://www.eaachapter315.org) and now we can be found at [www.eaa315.org](http://www.eaa315.org). Please send articles/pictures to our webmaster Dick Augusty. at [aaa315@comcast.net](mailto:aaa315@comcast.net). Got something you wish to sell?? A new section, "For Sale / Wanted" is available for our use.....send Dick any items with pictures (in good taste) that you wish to list at the site.
- This month's 50/50 was won by **George Honsch**, who took home \$7.00 !!!!
- A motion to adjourn was made, seconded and the meeting was adjourned at 8:45 pm.
- Thanks to **Eli Liebermann** for hosting the February meeting as well as providing refreshments (coffee, soda, and doughnuts) for all to enjoy.



## EVENTS - - EVENTS - - EVENTS - - EVENTS



**EAA CHAPTER 1376 PANCAKE BREAKFAST:** March 19th, Hammonton Airport (N81), Hammonton NJ. Breakfast will be held every third Saturday of the month from 8 - 11 AM through April 16th. For more information call 609-567-2086.

**EAA CHAPTER 287/ JERSEY DEVILS ULTRALIGHT CLUB FLYMART:** April 2nd at the Naval Air Station Wildwood Museum. Cape May Airport, Rio Grande, NJ 08242. (609) 886-8787. Used aircraft and equipment. Buy or sell anything to do with aviation, from ultralights to spare parts for a DC3. Open 0800-1700 – Friday setup can be arranged. Bring all your aircraft related treasures with you and set up a table or share with a friend. Table donation is \$10.00 with the only stipulation is that you take home anything not sold during the day. The Chapter Hot Dog Crew will be there to keep you from starving during the day. Contact Fred Boyle (EAA 287) at [harleyplane@yahoo.com](mailto:harleyplane@yahoo.com) or Fred Boyle (609)889-9373.

**EAA SUN 'N FUN FLY-IN:** April 12 - 18 at Lakeland Linder Regional (LAL). For more information call 863-644-2431 or visit the Sun 'N Fun web site: [www.sun-n-fun.org](http://www.sun-n-fun.org)

**EAA CHAPTER 1376 PANCAKE BREAKFAST:** April 19th, Hammonton Airport (N81), Hammonton NJ. For more information call 609-567-2086.

**2005 NEW JERSEY AVIATION CONFERENCE "Revitalizing New Jersey Aviation":** Monday, May 9th at Newark Liberty International Airport, Building #1. Sponsored by the Mid-Atlantic Aviation Coalition. Fee is \$45 per person. Registration starts at 7:30 am with the program beginning at 8:30 am and ending at 1:30 pm. For program details, fly-in requirements and a registration form, visit [www.njaviation.com](http://www.njaviation.com). For general information call the conference hotline at 732-968-6908, email [njaviation@aol.com](mailto:njaviation@aol.com) or write to: MAAC, PO Box 155, Pluckemin, NJ 07978.

**EAA CHAPTER 240 PANCAKE BREAKFAST FLY-IN/DRIVE-IN & YOUNG EAGLES RALLY:** May 14th, 8 AM to 12 PM (Young Eagles Rally - 9 AM to 12:30 PM) at New Garden Airport (N57), Toughkenamon, PA. Paved runway with parallel grass strip and beautiful hangar-clubhouse on a hill with a 270 degree view of the airport and Chester County countryside. For more information please visit [www.eaa240.org](http://www.eaa240.org) or contact Chapter 240 President, John Leslie at 302-368-5710.

**EAA CHAPTER 501 FLY-IN:** May 15th, 10 AM - 4 PM at Warwick, NY Aerodrome (N72). There will be trophies for 9 categories and a food tent. For more information please send email to: [flyin05@eaa501.org](mailto:flyin05@eaa501.org), visit their web site: [www.eaa501.org](http://www.eaa501.org) or call 973-492-9025.

**WHEELS & WINGS AIRSHOW AND CAR SHOW:** May 20 - 22 at Millville Airport (MIV). For more information visit [www.schultzairshows.com](http://www.schultzairshows.com)

**EAA CHAPTER 240 PANCAKE BREAKFAST FLY-IN/DRIVE-IN:** June 12th, 8 AM to 12 PM at New Garden Airport (N57), Toughkenamon, PA. Paved runway with parallel grass strip and beautiful hangar-clubhouse on a hill with a 270 degree view of the airport and Chester County countryside. For more information please visit [www.eaa240.org](http://www.eaa240.org) or contact Chapter 240 President, John Leslie at 302-368-5710.

**EAA AIRVENTURE:** July 25 - 31 (Monday through Sunday) at Wittman Regional Airport (OSH). For more information please contact Dick Knapinski at 920-427-4800, or you may send email to:

[webmaster@eaa.org](mailto:webmaster@eaa.org) or visit the EAA AirVenture web site: [www.airventure.org](http://www.airventure.org)

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**2ND ANNUAL BATTLESHIP NEW JERSEY AVIATION DAY:** August 6th on the waterfront at Camden, NJ. Battleship admission includes an airshow. For more information visit [www.schultzairshows.com](http://www.schultzairshows.com).

**EAA CHAPTER 240 PANCAKE BREAKFAST FLY-IN/DRIVE-IN & YOUNG EAGLES RALLY:** September 10th, 8 AM to 12 PM (Young Eagles Rally - 9 AM to 12:00 PM) at New Garden Airport (N57), Toughkenamon, PA. Paved runway with parallel grass strip and beautiful hangar-clubhouse on a hill with a 270 degree view of the airport and Chester County countryside. For more information please visit [www.eaa240.org](http://www.eaa240.org) or contact Chapter 240 President, John Leslie at 302-368-5710.



**NEXT CHAPTER MEETING:** 7:30 PM - Monday, March 7th at Innovative Power Systems, 22 Meridian Way, Eatontown, NJ.  
Directions: Route 35 South to Industrial Way West, 2nd street on the right.  
(Please bring a folding chair as there is a limited supply of chairs.....thanks.)



## TWENTY YEARS AGO IN SPORT AVIATION

The cover of the March 1985 issue of Sport Aviation featured the sole remaining WACO HRE owned by John and Mary Jane Rice of Willmar, Minnesota. The "E" model WACO was the last, and most believe the most beautiful, of the cabin biplanes built by the Troy, Ohio firm. The HRE was powered by a 300 hp Lycoming radial, the ARE used the 330 hp Jacobs, and the SRE "got by" with the 450 hp Pratt & Whitney R-985. Of the 29 "E" models built, only four were the HRE version. One was destroyed on a test flight at the factory, and John's is the only one of the other three that still survives. When it left the factory on February 26, 1942, it was also the last cabin biplane built by WACO, as the factory was being converted to wartime production of military gliders. At first inspection John felt that what was left of the plane was not worth the effort to attempt to restore, but Mary Jane convinced him to make the purchase anyway. The fuselage turned out to be in excellent condition, and no tube replacement was required. The wings, however, were a total loss, and had to be built completely from scratch. Nearly every rib was different, and it took John three years to build a whole set. It was finished in the factory paint scheme of green with maroon trim.

Jack Cox provided an article about Dave Aronson's newly completed "Falco". Dave was the first to use all of the pre-fab parts available from Sequoia Aircraft, and in fact his project was used as a test bed to make sure that all the factory supplied kits and components would fit together properly. Brad Chamberlain contributed a story about the completion of his "Dragonfly". An unfortunate bounce after getting airborne during a high-speed taxi test resulted in the necessity of constructing a new canard and added a year to the building time. Dave reported that the little ship cruised at 165 mph on the 60 hp converted VW engine.

Jack Cox also described a unique helicopter designed and built by Dick DeGraw of Jackson, Michigan and brought to Oshkosh '84 as a static display. Dick's "Hummingbird" featured two intermeshing contra-rotating rotors and no tail rotor. It was powered by two VW engines mated together to drive the rotors through a transmission that Dick designed himself using two VW differentials. As of the date of the article, Dick had graduated from tethered

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hovering to free flight. However, he had determined that the gearing was not letting the twin VW's produce full power, resulting in poor performance. He put the craft back in the shop for modifications to the transmissions as well as a weight reduction program. He hoped to get it back in the air and be able to fly it in public at Oshkosh '85.

Another new design introduced to the public at the 1984 Fly-In convention was the "Silhouette", developed and marketed by a group called Task Research that also supplied composite parts for the designs of Burt Rutan as well as the Viking Dragonfly. The "Silhouette" was an all-composite single-place powered by a 44 hp Rotax 447 engine and featuring a high aspect ratio wing and sleek fuselage. The prototype had a span of just over 31 feet, resulting in a glide ration of 18 to 1. Task Research also planned to offer an alternate wing with a span of just over 41 feet, which would turn the plane into a self-launching sailplane, and hopefully increase the potential market.

Frank Kingston Smith related how he came to appreciate sport aviation again after years of working as a lobbyist for a business aviation organization. He made a trip from New Jersey to Florida to visit his son's family when he more or less stumbled into the middle of the 1982 Sun 'N Fun Fly-In at Lakeland. He said that he had had no idea that there were so many different and new designs, and so much enthusiasm for them among so many builders.

Bob Wischer of Delafield, WI contributed an article in which he discussed radio controlled models of homebuilt designs. One of the examples he provided was an Evans VP-II built by John McCollum of County Antrim, Ireland. In the open cockpit sat a model pilot that looked exactly like John, including hair and a beard that used John's own hair. The control servos were inside the model pilot, and moved the arms and legs, which were attached to the cockpit controls, so that the model pilot actually flew the plane! Other examples were a Spezio Tuholer, Pober Pixie, and a Sorrell Hiperbipe.

In "Cockpit Classroom" Harold Holmes continued his discussion of spins. The "Craftsman's Corner" talked about using a high-speed rotary tool to cut control cables and make holes in Plexiglas. Tony Bingelis continued his ideas on interiors with some seat construction details. There were also two articles about using a home computer to draw an airfoil and calculate weight and balance. They were interesting, but the Basic programs would not be of much use anymore, unless you happen to have an old Radio Shack TRS-80 or equivalent sitting around in the basement.



Bob Hartmaier  
EAA 78889

## Pictures From Eli's RV Factory!!



Eli answering a panel question.....



OK folks, what's next????

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## Pictures From Eli's RV Factory!!



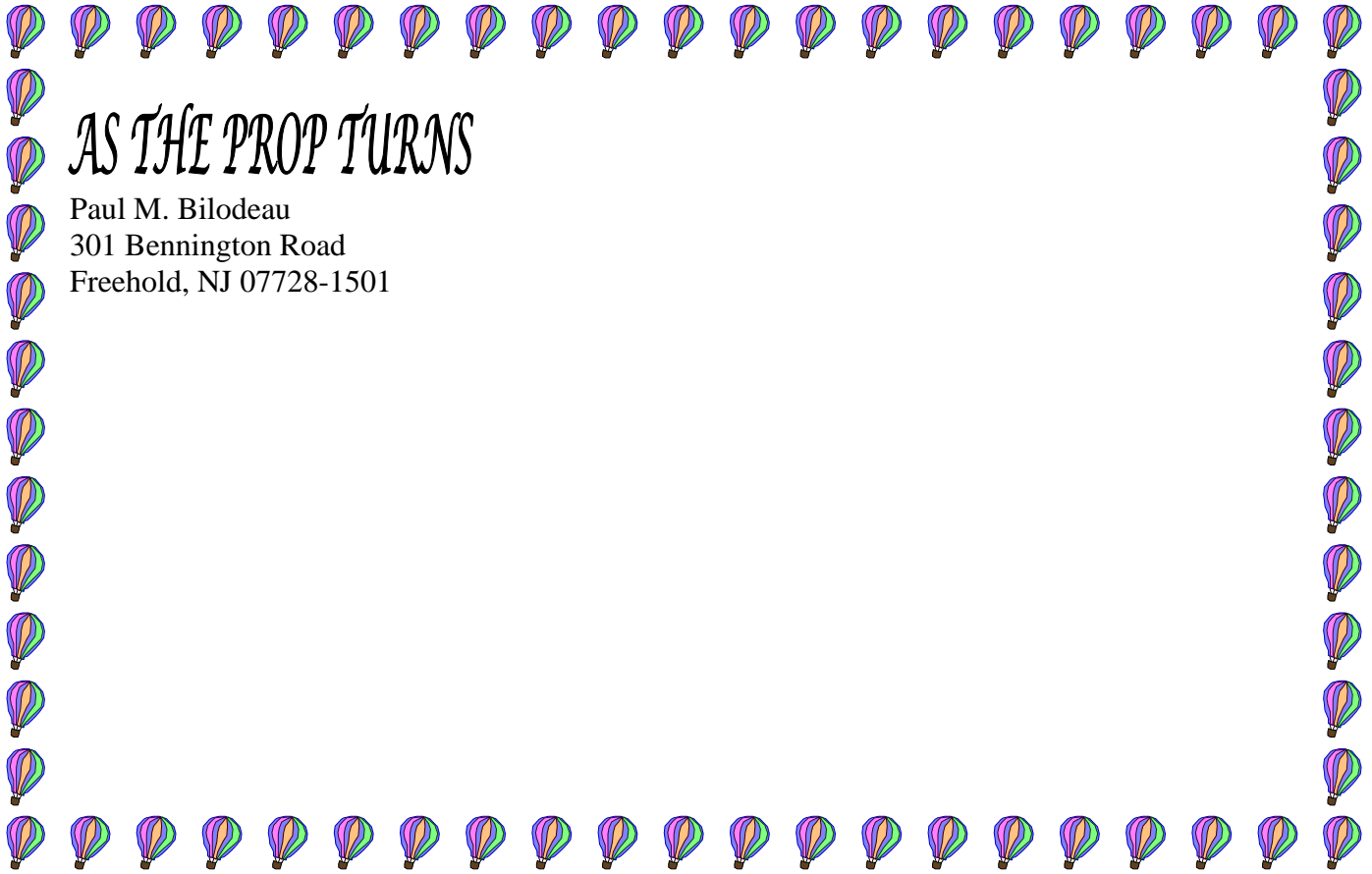
Just about everything anyone could ever need for a safe, fun Cross-country flight !!

One last look at the panel....perhaps to get some ideas for his own aircraft upgrade ??



Your newsletter editor and others had a question about the carburetor heat hardware and configuration.....

# 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 - MARCH 2005  
Editor: Paul Bilodeau 732-761-1515

**Next Meeting: March 7th @ 7:30 PM**  
**\*\* Innovative Power Solutions \*\***  
**22 Meridian Way, Eatontown, NJ**