

AS THE PROP TURNS

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



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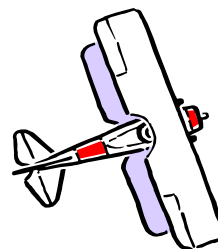
Minutes of August 2, 2004 Meeting

The July meeting of EAA Chapter 315 was held at Old Bridge Airport, Hangar E-10. President in charge of Vice **Dick Augusty** called the meeting to order at 7:42 pm with 14 members present. A motion was made to accept the July minutes as published in the August newsletter.

The Treasurer's Report was given by your Newsletter Editor, **Paul Bilodeau**, as Secretary **Tom Goeddel** was unavailable. There is approximately \$1829.65 in the treasury - approximation was used this month as the secretary's computer crashed and he had to compile the number using good old pencil / pen and paper. A motion was made to accept the treasurer's report as presented, seconded and accepted by the members present.



OLD BUSINESS



AS THE PROP TURNS

LAKWOOD AIRPORT - More discussion took place about cleaning up the club house at Lakewood Airport. **Glenn Stott** and **Dick Augusty** went down to N12 and brought back the large wooden storage cabinet, several notebooks containing aircraft pictures along with miscellaneous stuff and a table which was put in Hangar E-10 and an EAA sign which was put in **Glenn Stott's** hangar. Remaining at Lakewood are some chairs, a kerosene heater, some tarps, a gas grill, a soda machine and the building materials purchased a couple of years ago to rehabilitate the deck/steps. There doesn't seem to be a big rush to get the remaining items. **Frank DiGennaro** offered the use of his truck. **Law Levison** will work with **Frank** about getting the remaining items in Lakewood. We should have an updated report at the next meeting.

MONMOUTH COUNTY FAIR - Flight Night was held on the first night of the fair, Wednesday 21 July from 5-11 P.M. The Monmouth Area Flying Club, The Jersey Aero Club, The Monmouth County Flying Club - Radio Control Modelers and EAA Chapter 315 set up displays at the fair. **Billy Gibson, Glenn Stott** and **Tom Goeddel** manned the booth during this evening.

YOUNG EAGLES DAY - The next Young Eagles Day will be held in October. In between the last Y.E. day and the next scheduled one **Law Levison** hosted 2 groups from the Coastal Learning Center, special education kids and got 15 AOPA lights as gifts for the kids. They were really pleased with experience of learning about planes and their aviation gift. **Dick Augusty** said he'd try to get sets of wings or some other commemorative gift for our next Young Eagles event.

Dick Augusty also received a request asking if our Chapter would be willing to conduct a Young Eagle's Day at Bader field on September 19th. As compensation, members participating would get to see a minor league baseball game for free. He also said that at the last Jersey Aero Club meeting there was news about an upcoming "Lakewood Airport Day" and that would be another possibility for our Chapter's Participation and a possible Young Eagle's Day event.

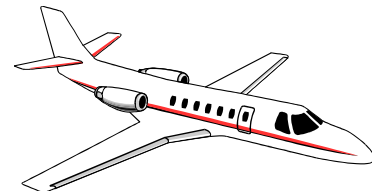
Regarding our next Young Eagle's Day scheduled at Old Bridge airport in October we have planes and pilots volunteered - **Dick Webb, Billy Gibson, Frank DiGenaro** and **Jack Kurtz**. **Law Levison** will be in charge of getting the food - hot dogs. Permission will be obtained from Old Bridge airport management, **Paul Cerniglia**. There was a question about enough tables and chairs. Publicity will be handled by **Bob Hartmaier, Law Levison,** and **Frank Fine**. Flyers will be updated and sent out for the next event by **Tom Goeddel** and if my notes are correct, **June Fine** will be updating our press release for the local papers.

OSHKOSH / AIRVENTURE - AirVenture was held July 27-Aug 2. **Billy Gibson** reported on his trip to the annual extravaganza. Sean Tucker and a couple of other pilots put on great acrobatic shows. There were Jet Powered Trucks, a C5A and the new Hercules. He spent 4 days looking at airplanes including lots of Warbirds - T28's, T38's, 2 or 3 P40's, Bruce Bohannan's Exxon Flying Tiger wasn't successful at a new altitude record, etc.

SUNSET PATROL - A letter was written to the disgruntled person regarding our misinformation about Chapter 898's participation. There is still no more information to be had from Sheriff Oxley's office and our interest in participation since early this year. More news at the next meeting??



NEW BUSINESS

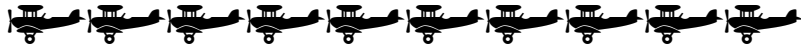


WINTER MEETING SPACE - **Jack Kurtz** will be speaking more with the Old Bridge airport manager

about his proposal for a warm winter meeting place - the lounge at Old Bridge Airport. Perhaps we'll also be moving our VCR and TV into that lounge so we have ready access to them for winter programs.



MISCELLANEOUS



- A reminder about our EAA Chapter 315 web site - it's up, active and available to anyone able to surf the world wide web at www.eachapter315.org. Please send articles/pictures to our webmaster Dick Augusty. at ea315@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.
- Your newsletter editor had copies of newsletters from other NJ Chapters and updated copies of EAA Chapter 315 membership lists for those desiring one.
- **Claudio Tonnini** stopped by to visit for a few minutes and offered members a GPS 96 that he had purchased at OSHKOSH / AirVenture. It turned out that he didn't like it and will sell it for a few dollars less than he paid for it. If no one wants it, he'll return it.
- This month's 50/50 was won by **George Honsch** who took home \$7.00 for his investment.
- Thanks to the Hangar E-10 owner's group for hosting our August Chapter meeting !!
- A motion to adjourn was made and seconded by all at 8:42 pm with a trip planned by **Lew Levison** to the Manalapan Diner for an after meeting meeting, e.g. beverage and a dessert or snack.



EVENTS - - EVENTS - - EVENTS



2004 NANTUCKET AIR SHOW: September 18-19, Nantucket (ACK), MA. More information at 610-466-7340 or on the web at www.schultzairshows.com/nantucket2004.htm

2004 ANNUAL AIR FESTIVAL: September 25th, Ocean City Municipal Airport (26N), Ocean City, NJ. More information at 609-399-0907.

EAA CHAPTER 1376 PANCAKE BREAKFAST: October 16, Hammonton Airport (N81), Hammonton NJ. Breakfast will also be held every third Saturday of the month from 8 - 11 AM (December 18th, January 15th, February 19th, March 19th

and April 16th). For more information call 609-567-2086.

EAA CHAPTER 315 BUS TRIP TO WASHINGTON, DC: New date of October 9th (mark your calendars) - we've plans to visit the new branch of the Smithsonian Air and Science Museum. Look for a sign-up form and chapter contact person towards the end of the summer in this newsletter.

EAA CHAPTER 315 YOUNG EAGLE'S DAY: October 16th (rain date - October 17th) at Old Bridge Airport, Old Bridge, NJ. Sign-ups are from 10 am - 1 pm with flights starting at 11 am and continuing until 3 pm unless our supply of kids runs out earlier.

EAA CHAPTER 1376 PANCAKE BREAKFAST: November 20th, Hammonton Airport (N81), Hammonton NJ. Breakfast will also be held every third Saturday of the month from 8 - 11 AM (December 18th, January 15th, February 19th, March 19th and April 16th). For more information call 609-567-2086.



**NEXT CHAPTER MEETING: 7:30 PM - September 13th at Hangar E-10,
Old Bridge Airport, Old Bridge, NJ.**



TWENTY YEARS AGO IN SPORT AVIATION

The cover of the September 1984 issue of Sport Aviation featured an in-flight photo of the Rutan "Voyager" from the 1984 Oshkosh Fly-In. There was as yet no detailed coverage of the 1984 Fly-In convention, however there was a small item in the Hot Line from Headquarters that let us know that George Pereira's GP-4 was named the Custom Built Grand Champion as well as the Best New Design. Dick Rutan thrilled the crowds during fly-bys in Voyager when he intentionally pulsed the controls to induce a "wing flapping" as he passed down the show line.

Jack Cox provided coverage of "Ultralight '84" which took place at Oshkosh the previous June. There was the usual judging for best workmanship as well as a Grand Prix competition that included spot landings, air drops, a sky rally and a pylon race event. Also, for the first time the EAA Technical Standards inspected all participants for compliance with the still relatively new FAR Part 103-7 regulations. Meeting Part 103 was a requirement to participate in the events and win any prizes. A new engine, the Pong "Dragon" designed by Alex Pong made its debut as well. The "Dragon" was a six-cylinder, four-stroke engine that was very light and compact due to the "two row three" configuration of its cylinders. Alex claimed 35 hp from 1400cc displacement at a weight of 44 pounds and a diameter of only 15 inches. He also talked about how larger versions would have the same advantages of size and weight over more "conventional" air-cooled engines. For example he claimed that he could duplicate the installed performance of a 450hp Pratt and Whitney with an engine that was only 27 inches in diameter and weighed about 335 pounds. Yet again, I wonder how come that 20 years later we have heard

nothing more about this seemingly can't lose design.

Jack also introduced us to a new design called the "Solo". A single -place craft that looked very much like a somewhat scaled-down C-150, the "Solo" had fuselage and wing skins made in molds using Kevlar and Safe-T-Poxy, as well as carbon-fiber for the spars and a few other high-stress areas. The all-up weight came out to 277 pounds including a 24 pound BRS parachute, which was one pound under the Part 103 max of 254 pounds excluding the chute. Oh, and the wings folded for storage or trailering. The company expected to begin selling kits in the near future. Sounds wonderful. Has anyone seen any examples of the "Solo" around?

Larry Ford, vice-president of the CAFÉ Foundation, reported on the results of the 1984 efficiency event. The big winner was Gary Hertzler who won the two-place experimental category by coaxing over 46 mpg out of his Continental A-80 powered machine at a speed of 149.7 mph.

Dave Blanton supplied a report on his Acro Sport II. It was powered by an O-360 and covered the old fashioned way with cotton and butyrate dope. About 26 coats were applied, sanded in between, for a shiny look that he claimed duplicated metal. Jack Cox also reported on the new Sonerai IILS that had just come out of John Monnett's shop. The IILS had 8 inches added to the fuselage to give more room in the cockpit as well as allowing room for an 8 gallon auxiliary fuel tank behind the rear seat. It also two extra ribs in the wing root area for increased strength.

George Collinge continued his discussion of tailless aircraft with some information on pitch and roll considerations. Eugene Parker discussed some alternatives to using Sitka Spruce in aircraft construction. There was also an article describing the building of the full size replica Sikorski S-38 for the Johnson Wax Carnauba Expedition exhibit at the EAA museum. In 1935 company president Herbert F. Johnson, Jr. and several others including Pilot E. H. Schlanser, spent two months exploring the Amazon River basin in order to gather information on the carnauba palm, the source of the wax used in many of the company's products. The S-38 features a movie screen inside the fuselage so that "passengers" sitting in the replica seats can look over the pilot's shoulders and view a flight over the Amazon rain forest out the front windshield.

In the "Craftsman's Corner" Bob Blaine continued his discussion of making molds for forming aircraft parts. And in "The Sportplane Builder" Tony contributed some electrical wiring ideas.



Bob Hartmaier
EAA 78889

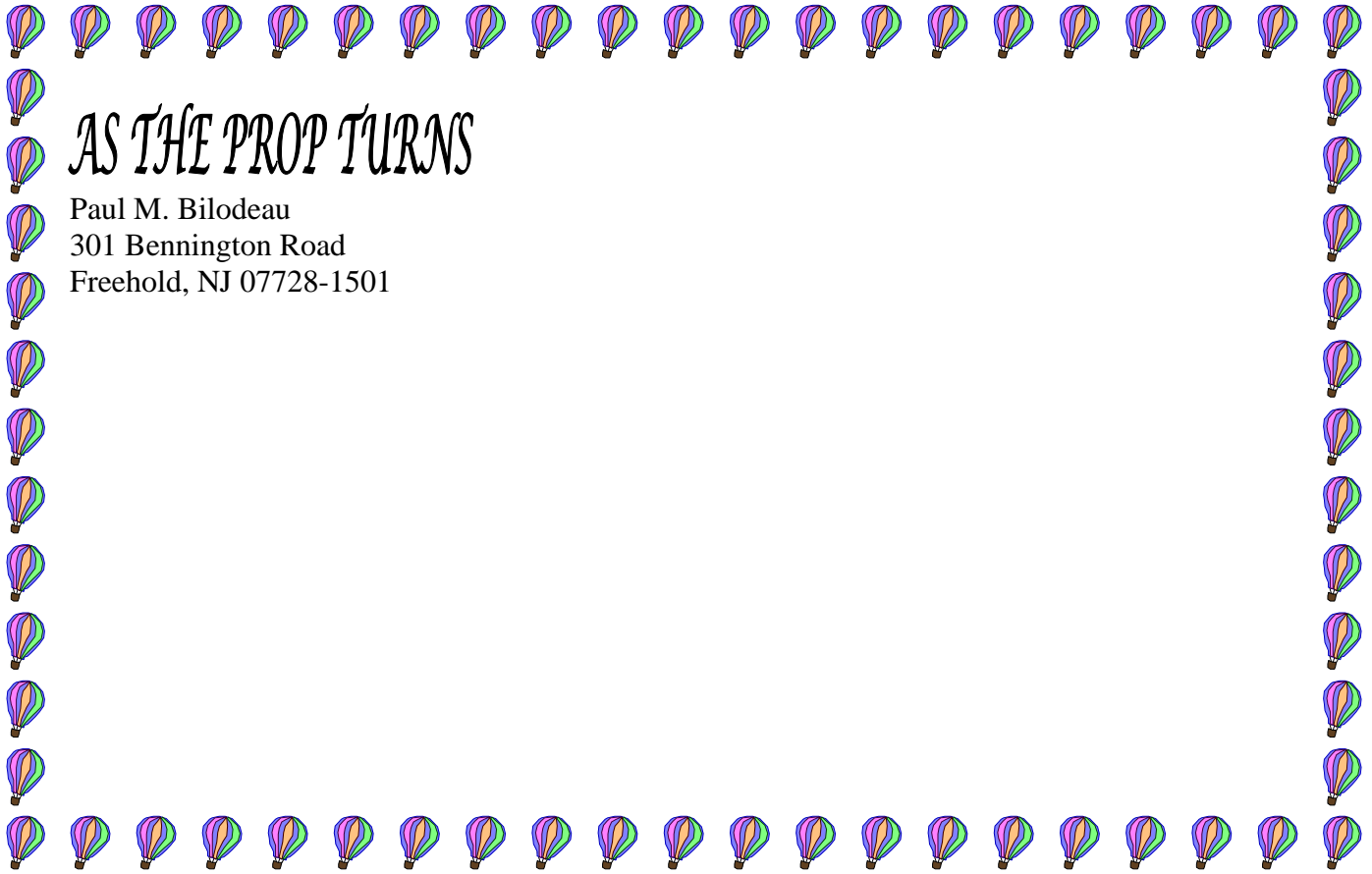


Short Final...

From our "Finer Points of Maintenance" file...

"Remember, you really only need two tools: WD-40 and duct tape. If it doesn't move and it should, use the WD-40. If it moves and it shouldn't, use the duct tape."

Until Next Month • Fly Safely



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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 - SEPTEMBER 2004
Editor: Paul Bilodeau 732-761-1515

Next Meeting: September 13th @ 7:30 PM
at Hangar E-10, Old Bridge Airport,
Old Bridge, NJ