

**EXPERIMENTAL AIRCRAFT ASSOCIATION- CHAPTER 701
MANSFIELD MA, 02048**

Prop Wash



DECEMBER 2003 NEWSLETTER

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Secretary's Report *by Alan Pugh*

SECRETARY'S REPORT - by Alan Pugh

President Doug Mowry called the meeting to order on November 21, 2003 at 7:30 pm.

Doug thanked Hal Curtin, Dale Fox and their crew for the Spaghetti Dinner prior to the meeting.

Meeting Minutes were approved. Bob Sellars read the Treasurer's Report which was approved. All bills are paid.

Tony provided a summary of the Airport Commission Meeting. The Airport Commission tour of the airport for approximately 400 school children was scheduled for Nov 17 - 20. King Aviation was to participate. October fuel sales were approx. 6900 gallons. Most electric gate corrections/modifications have been made.

Airport Manager reported on an October landing incident. Proposal to relocate a propane gas tank underground. Large green hangar to be painted in 2004. Many questions and an extensive discussion followed on the subject of aircraft insurance requirements as recently outlined in the updated airport policy and requirements for new badges.

To meet State Requirements, badges must be issued by the end of 2003. Badges will continue to be issued to meet year-end date or lose Federal funding. A request was made by King Aviation to install four electrical outlets at tie downs on the ramp, in front of the EAA trailer. Included in the request was a hookup to the EAA electric meter with some

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Presidents Desk *by Doug Mowry*

Web Site

Work continues on the new chapter web site. Several people have contributed photos from past events (Thank you Steve N., Paul D., Tony C., Mike V., and Al M.) and we also have at least one flying story to put on the site (Thanks Bret!)

As an EAA Chapter we have permission to reprint articles from the various EAA publications, so look to see some interesting articles on our site in the future.

We are currently looking into a web hosting service and should have a decision in the next few weeks. There are several affordable options out there, so we should not have problems finding a provider.

Spaghetti Dinner

Many thanks once again to all who worked hard at providing our spaghetti dinner at last month's meeting. A good time was had by all – including

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Doug Mowry and Paul LaFratta (standing) are seen here monitoring the feeding intensity of members at dinner.

SECRETARY'S REPORT (Continued from page 1)

compensation to the chapter. The Chapter objected and the commission tabled the request until it receives a written agreement from the chapter, on letterhead.

Old Business - Good ' Young Eagles' event. We flew 5 who showed out of 10 or 12 Young Eagles originally on the list.

New Business - Holiday Party Planning is underway. Please sign up with Barbara Beech by December 6.

Web-site development is going well - looking for a server. May be up by Christmas although the official date is Jan. 1.

Builders Breakfast Saturday 11/22, Roland' s GlaStar.

There was a discussion about increasing dues to \$25. A motion was passed to adopt the increase.

Elections will be held at the next meeting. The slate of nominees is:

Doug Mowry	President
Mike Vidall	Vice President
Joe Kelly	Treasurer
Alan Pugh	Secretary

It was voted to move forward with a proposal to run electrical for pre-heat out to the ramp in front of the trailer. King Aviation wants to offer it to non-EAA members for an additional \$10/mo on their tie-down fee. EAA would get \$5 or several hundred per year. Paul LaFratta would donate time to install. Tony Correia read the report of the Airport Commission, reported above.

Paul Diette gave a good report on the AOPA Show at the Philadelphia Expo Center. There were avionics displays and static displays at the airport.

Following Paul, Jim Griffin, Jr of Griffin Avionics, Hyannis, arrived with his traveling avionics display (Apollo and Garmin) and made an excellent presentation of his latest equipment. Griffin Avionics was started in 1971 by his dad & mom, and his brother runs the repair shop. One new item was ADSB, Airborne Data Surveillance Broadcast. Can be used for collision avoidance. Still in the testing stage. UPS has them in their 727' s flying in the Northwest US. He described many of the existing receivers, gave comparisons with examples and really gave us a good overview of what' s available and what' s coming in terms of future systems such as WAAS. CD players interfere with GPS signals. Garmin has a software upgrade for \$500 that will give you Terrain Avoidance Warning (TAWS).



Knowledgeable Jim Griffin discusses equipment options with pilots interested in replacing the tin can/string model with the newest G/A HeadsUpDisplay

If you don't have the latest TFR predicting gadget from Griffin Avionics in your cockpit but have access to a computer, bookmark:

<http://tfr.faa.gov/TFR/jsp/list.jsp>

Refer to it before every flight in addition to your briefing. Also monitor 121.5 enroute with your #2 in case an F-16 wants you to do something...

Presidents Desk (Continued from page 1)

myself despite the fact that I wore some of my dinner home!

Speaker

Yes, Jim Griffin DID show up and did a wonderful job as speaker and for those of you that couldn't stay, you missed a good one – in fact, we didn't get out of there until after 10:00! Hopefully, Jim will be back in a couple months for a follow up session.



2004 AOPA Calendars are now available for sale. See Bob Sellars at the January meeting and bring \$10 for the calendar...get the most for your money and no, there is no rebate for past months if you buy later in 2004...



Congratulations to member Alan Pugh on successfully completing the check ride Sunday November 23 for Private Pilot

While the C152 is a worthy bird, the e-plane (see below) might suit Alan come summer...

As E-Plane Readies For Testing

Last year Jim Dunn spoke at the chapter meeting. The latest info at the FASTec project, based in Worcester, Mass., reports folks are still working away on their hydrogen-powered electric airplane. "We expect our first flight sometime in late December or maybe early January," Jim Dunn, director of the project responded to an interview from AvWeb. Advanced high-energy, lithium-ion batteries will power the first flight as the first step in the long process of developing a flight-ready system that will work on hydrogen-powered fuel cells. The E-Plane is scheduled to start ground testing around the 13th of December, Dunn said. Battery testing is progressing, and the team is working on the motor mount and is finishing the avionics package. The second phase will fly with a combination of the batteries and a 10- to 15-kW fuel cell. In its final form, the E-Plane will fly solely on the power of a fuel cell and have a 500-mile range, with emergency assist from reserve lithium ion batteries. Fuel cells, unlike batteries, generate electricity rather than just store it. They are fueled by hydrogen and oxygen gases, and can operate as long as they are fed the gas, which can be produced by solar power. FASTec foresees wide use of electric planes in the future because they are simpler to build and maintain, produce zero emissions, and are inherently quiet.



Trivia Buffs

1. The Bell RP-63 was used as a live target for practice gunnery. The aircraft received a specially strengthened skin, bulletproof glass, intake guards, and a special propeller. The bullets fired on it shattered on impact, and a red light blinked to indicate a hit.
2. Not as exotic as a Polikarpov I-16 perhaps, but an aesthetic triumph, the North American P-51 remains at the pinnacle of fighter beauty.

EAA Chapter 701

Mansfield Municipal Airport
Fruit Street
Mansfield, MA 02048

The
Mailing
Address
Goes
Here

EAA 701 DECEMBER

Important Announcement – Meeting Location Change!!!!

Members will be gathering for the annual party at Ann's Place 48 Bay Road, Norton, MA. Festivities begin 6:30 PM Saturday December 13 th. Remember to bring your present for the tree as Santa is expected...



The next regular Chapter meeting will be Friday, January 16 at the Mansfield Fish and Game. See you there.

Newsletter Frequencies

Send your news to the editor via e-mail to **dfox.selectr@verizon.net**

Use "classic" mail to Dale Fox, Editor 232 Underwood St. Holliston, MA 01746. The deadline for the next issue is 10 days before the next meeting. Items received after will be included in the next issue. —

NOTE:

An electronic version is available in PDF form in lieu of the hardcopy snailmail version. You will be able to look at the pictures in color. The Adobe Reader is available on the Net free at Adobe.com. Send your e-mail address to: dfox.selectr@verizon.net to be included on the list to receive the PDF version. The issue will also posted on the new web site when it is up and running. ed.