

UPDRAFT

Newsletter of EAA106
Greater Boston Chapter

We Build
Airplanes!

April 2004
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Have a Lawrence Airport
or EAA name badge?
If so, Please wear it to the
next meeting to help our
new members (and a few
older ones) learn (or
relearn) your name!

EAA 106 April 2004 Meeting

Friday, April 2nd, 6:30pm

At the Bedford VA Hospital

(see the directions at the end of this newsletter)

Meeting Program – Cold Weather Survival

Even as we head into spring, you could be flying when there are still nights below freezing or flying at higher elevations. Scott McCarthy, who managed a station on the polar ice cap for many months, teaches a 3-day winter survival class, but has condensed (crammed?) the essentials into a 2+ hour multi-media presentation for us. This will be an exciting and important presentation, including demonstrations, some beautiful slides of the arctic, and much more. Scott, an Electronics Engineer with the Navy for Tomahawks, is also a member of ultralight chapter EAA UL-62 (for whom he gave this very well received presentation) as well as RI EAA chapter 1363.

We would like to have a large turn-out for this great presentation, so bring a friend or two as your guest.

Please note that we are starting at 6:30pm.

At the end of the meeting (after Scott's presentation), we will have a drawing/giveaway – this month will be the hardcover book: *The Epic of Flight – Flying the Mail* (filled with lots of old photos and info) as well as a calendar (hey – most of the year is still left) on *Military Aircraft* (it has some really cool photos!)

PLEASE WELCOME OUR NEW MEMBERS

Those who joined in 2003 or 2004 to date:

Kul Bains

Christopher Blizzard

Bill Campbell

Larry Fulwider

Richard Gersh

Tom Lowe

Mark Hodgson

Ralph Holmberg

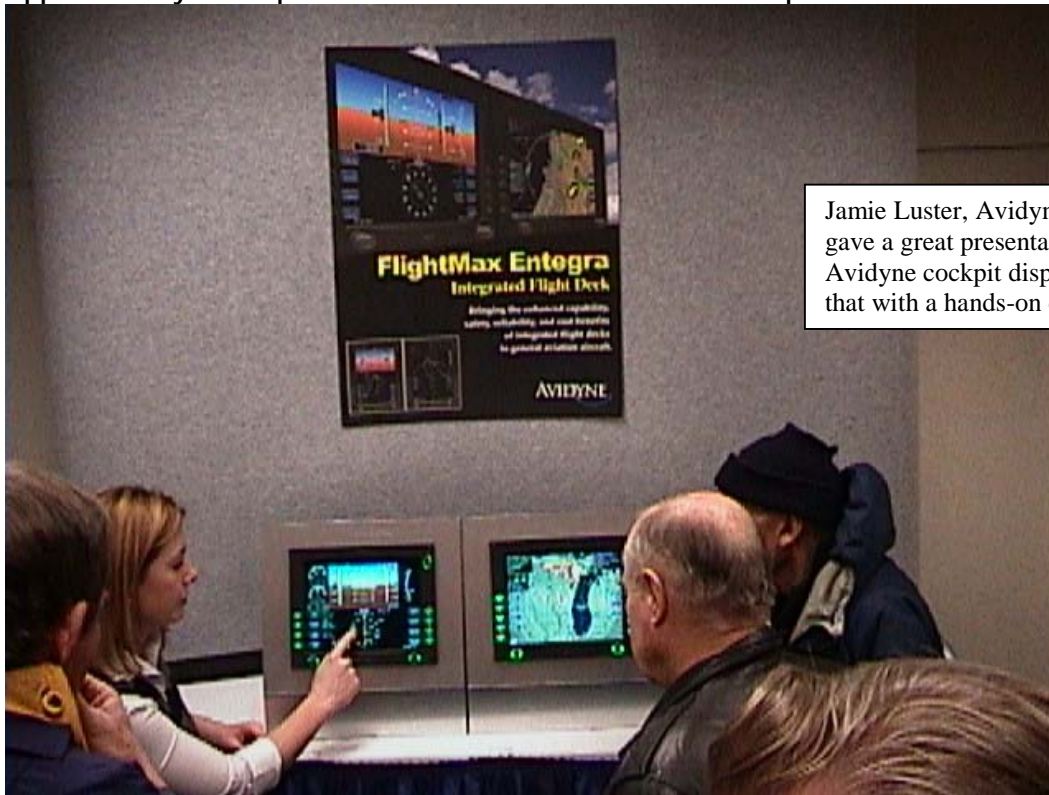
Brian Rugg

Joe Ryan

Nagel Stone

Paul DiNoto

The March 2004 Meeting was held at Avidyne Corporation, near Hanscom Field. Our thanks to Jamie Luster for telling us about the company and their products. More information is available at www.avidyne.com Approximately 36 chapter members attended and here's a few photos from the meeting:



Jamie Luster, Avidyne Sales Manager, gave a great presentation about the Avidyne cockpit displays and followed that with a hands-on demonstration.



While waiting to enter the demonstration room, some people, such as members Ray Bowman and Don Brozenske, did some "hanger flying".

Jamie answers some questions from chapter members



MAKE AN APPOINTMENT AND GET YOUR LAWRENCE AIRPORT BADGE -

In conjunction with heightened security issues, since our EAA106 hanger is located inside the gated field at Lawrence Airport, all members who plan to frequent our hanger for meetings, flying, and workshop use and do not want to have to wait for an escort, need to get a Massachusetts Aeronautical Commission

(MAC) photo badge. The airport gate combo will only be given out to people who meet both of these criteria: a) current members in good standing and b) those who have registered with the airport and who have a photo ID badge for Lawrence airport (or any other MAC or MASSPORT facility ID). Call Lawrence Airport at 978-794-5880 and arrange an appointment for your photo to be taken. Please note that there is NO COST to do this - just a few minutes of your time and a trip to the Lawrence Airport (!). When there, you will fill out a very simple application form - just tell them that you are a member of chapter EAA 106 (we'll be giving the airport a list of current members to cross-reference) and tell them you plan to visit our hanger periodically. Members without badges and guests (of course) will need to be escorted from the combo-locked gate to the hanger.

The Sunday morning after last month's meeting members held a dawn patrol and flew (or drove) to the Beverly Airport for brunch. Here's a few pictures of the fun:



Mac and Ed debate the finer points of flying!

Site of the Month (as provided by Chapter member Joel Ventura):

Take a look at <http://www.killacyle.com/Lights.htm> . This site shows an alternative to normal incandescent position lights. This guy offers lighting kits ready to install, kits of parts to build position lights, and the LED's themselves if you really want to get creative. He also has a link to <http://www.creativair.com> where LED position lights are combined with a halogen landing light. These are not a lot cheaper than TSOed lights (unless you build the kits), but they do have the advantage of drawing far less power, and having much longer lives than incandescent lamps.

And while we are on the subject, we are allowed a great deal of freedom in how we build our experimental aircraft and what we can put into them, but there are two areas I know of where the equipment we put into our aircraft must meet FAA specifications. Those two areas are lighting, and radios. (If you know of others, let me know.) The equipment doesn't have to have a TSO, but if it doesn't, the FAA can require us to show that the equipment meets certain specifications. The killacyle web site tells you how prove to the FAA that your homemade position lights meet the FAA visibility requirements. These requirements are not strictly enforced. One of our members has position lights on his aircraft made from test tubes and automotive lamps, and the FAA did not question this before the plane was signed off. --Joel

More Input From Joel: Ripped From the FAA Written Test

I know the FAA multiple guess format is too easy for you guys, so I am going to make you think up the answer:

What are the four transponder codes that you should avoid when dialing in the desired code? What is each one used for? You can show off your knowledge at the next meeting. (The winner will get a free lump of sugar for his/her coffee.)

Extra Credit Question: Where did transponders come from? Hint: They were not specifically developed for traffic control as they are now used.

Upcoming Events:

EAA Sun 'n' Fun 2004, April 13-19, "The 30th Anniversary of the Spring Celebration of Flight". See www.sun-n-fun.org or Sport Aviation Magazine for more details. Note some of the great chapter forums:

"Keeping your Chapter Members Satisfied" on Friday April 16th, at 10:00 a.m. to 11:00 a.m., in Forum Tent #2
"Making your Chapter Great!" (Part 1 and Part 2) on Saturday April 17th from 9:00 am to 11:00 am, in Forum Tent#2

New England Aerobatic Contest, April 29-May 2, 2004-Orange, MA, sponsored by IAC Chapter 35. The competition will include Primary through Advanced power categories. Practice and registration will be Thursday, April 29. For more information contact Contest Director Rob Petit at (781) 646-5038; or e-mail at rjpetit@earthlink.net

Fly-In Commemorates Boston-Harvard Aero Meets & Multi-Chapter EAA Fly-in

The Harvard-Boston Aero Meets of the 1910s and the life of Harriet Quimby, first woman aviator, will be celebrated at the Air May Fair on May 29-30 at Plymouth (Massachusetts) Airport (PYM). The event features a fly-in for all New England EAA Chapters. Emerging technologies, including hydrogen fuel cells, biogas, solar, wind and other renewable sources of energy and their application in vehicles and buildings will be presented. Event proceeds will benefit not-for-profit aviation and technical education. For more information, contact Sergio Quadros-Anaya at 508/747-7748, sergio@aeronautica.tv, or visit www.aeronautica.tv.

Owls Head Transportation Museum, numerous events through the year, get details via www.owlshead.org or call (207) 594-4418

North Kingston Air National Guard Base, R.I., June 19 and 20, U.S. Air Force Air Demonstration Squadron, known as the Thunderbirds, and others. See <http://www.riguard.com/AIRSHOW/> for more details.

2004 AirVenture Cup "Speed Dash", July 25 -26, Dayton to Oshkosh Air Race for home built aircraft. See <http://www.airventure.org/2004/avcup/index.html> or Sport Aviation Magazine for more details.

EAA AirVenture Oshkosh 2004, July 27 – August 2, "Launching the Next Century of Flight". See www.airventure.org or Sport Aviation Magazine for more details.

EAA Chapter 106 (That's Us!) Executive Board Meetings, Held monthly or as necessary. Chapter members are always welcome to attend. Contact chapter president Penny Bowman to get on her notification list.

For Sale / Wanted

Looking for a good home: EAA Biplane with Lycoming O-290-G4 that was meticulously constructed in 1970. It has always been hangared and well cared for. It has not been flown for some years now and my father has reluctantly decided to sell it. For further info, contact Edward Maziarz, Phone (413)536-9839

Chapter Member Bruce Ryan is looking for one of the following:

Lycoming IO-540K (300 hp "angle valve" engine), Lycoming IO-540D (260 hp "narrow deck" engine), or Continental IO-550

Any suggestions, direction etc to find one greatly appreciated. Contact Bruce at bruceryan@email.msn.com

The fine print: "All items for sale and wanted must be of an aviation nature, except for items the chapter needs. Publication of items for sale and wanted will be at the discretion of the EAA Greater Boston Chapter 106 Executive Board. Items for sale are not guaranteed or warranted in any manner by EAA 106 and should be independently verified by the buyer and or their licensed professionals - the buyer of any goods takes full responsibility."

Thanks to Mac Knapp for pointing this out:

The Oct 2003 Experimenter carried an item showing that FAA, with EAA and other collaborations, has produced a 26 page "Best Practices Guide for Maintaining Aging General Aviation Airplanes". It can be downloaded in PDF at: <http://www.eaa.org/communications/eaanews/agingbestpractices9021.pdf>
Some owners of applicable planes may have received it by mail if they have pre-1975 single engine aircraft with reciprocating engines.



Start Planning for Oshkosh 2004 now!

See www.airventure.org for event, travel, and housing planning material



Special Note (as reported by Joel Ventura): Austin Rounds has been a long time member of EAA106, and moved to Mashpee a couple years ago. Unfortunately, he fell and broke his left hip about two weeks ago. This is a pretty tough injury to deal with, and I am sure he would love to hear from his old 106 friends to take his mind off his rehabilitation. He will be at a rehab center in Falmouth until Monday, April 5th. After that you can reach him at home.

JML Care Center
184 Ter Heun Dr.
Falmouth, MA 02540

Home: 19 Palmer Road
Mashpee, MA 02649
508-539-9081

Before this injury, Austin had already made the difficult decision to give up some of his more active aviation activities. He will not be completing his AeroMirage, which is more than 90% complete, including an O-200 engine. Both the AeroMirage and his Cessna 172 are for sale.

New and Improved: DIRECTIONS TO THE BEDFORD VA HOSPITAL MEETING ROOM

(Editor's Note: Finding this location can be a little challenging, but we've rewritten these directions a little to help. Just allow some extra time, go step by step and you shouldn't have any problem. Also, here's a little hint: plan to arrive at the VA Hospital grounds about 15 minutes early and then follow the crowd -- since we usually get 30 or more people to attend the meetings this has worked for me until I learned my way around.)

From Route 128 (aka Rte I-95) take Route 4/225 West towards Bedford. Go approximately 2.2 miles on Rte 4/225, passing the Great Pond Shopping Center (on left) and Marshall's (on right). Turn right onto Hillside Road (gift shop just beyond this turn) and stay on Hillside past merge into Springs Road. Go straight at the 4-way stop sign, and about 0.6 miles beyond into the VA Hospital grounds.

Turn **LEFT** at the sign for Parking Lot #2. Proceed past the **Receiving & Warehouse**, past the buildings on the left, pass **LEFT** of the **large water tower**, the 1-way road then bears right around behind the tower and building, then enter the parking lot on your left.

Park as close to the water tower end of the lot as you can. Proceed on the side walk towards the long low building that ends at the curve in the road (this is the building you just drove behind after the tower). Walk towards the connecting hallway between buildings and enter the door. Take two quick right turns and go down the hall to the classroom (also on the right, just past the restrooms).

Note: Please do **not** park in the alley before the water tower unless you are bringing equipment or supplies for the meeting.

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EAA 106 Hangar (978) 683-8751

This **NEWSLETTER** is for **COMMUNICATION** and **ENLIGHTENMENT**, but should **not** be relied upon as absolutely correct in content.

Coming Up Next Month:

- Stopped Prop Glide Testing
- More Summer Events
- Follow Up on Gas Cap Seals

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