



Bringing the E to EAA



President: Ray Hecker

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Editor: Larry Severson

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Note: This is the start of a new format. Frequently, notice of text, picture, and video files will be made in this and future newsletters. They will all be available at www.eaa92.org under files on the home page. Unfortunately, the web site is also being updated at this time. All referenced files should be available there by 10/10/2009. The goal of these changes is to promote a better exchange of building ideas to promote growth of EAA 92 and EAA national. Comments will help make thisnewsletter better.

President's Message:

What a September! Some very good news, changes in the works, some sad and bad news. So let's start with the good news.

Good News:

After more than five years of service as chairman of the EAA Young Eagles Program, EAA member, pilot, and famed actor Harrison Ford will pass the baton and announce his successor co-chairs in a news conference at Santa Monica Airport in Southern California on Tuesday, September 29th. As you may recall, our 2008 YE Coordinator, Cliff Carpenter arranged to have our National Chairman Harrison Ford, fly with us at the April 2008 re-dedication of the Chino Airport.

EAA Chairman/President Tom Poberezny, who launched the Young Eagles Program in 1992, will moderate the news conference, which will include Ford and his successors. "Harrison and I are eager to announce the next Young Eagles co-chairs. These highly respected individuals are well-positioned to build on Harrison's successes with the program and to bring a new dimension to its leadership," Poberezny said.

"We'll also use this opportunity to thank Harrison for his motivational leadership and active participation, and to highlight his achievements as Young Eagles chairman," Poberezny added.

The EAA Young Eagles Program, now in its 17th year, has provided inspirational and educational first-flight experiences to nearly 1.5 million youth, thanks to the volunteer efforts of 42,000 EAA member pilots and countless supporters around the globe. Ford's predecessor program chairs were: Oscar-winning actor and avid pilot Cliff Robertson (1992-1993); and aviation legend Chuck Yeager (1994-2003).

Highlights of Harrison Ford's chairmanship of the program include the following:

- Nearly 500,000 young people received inspirational first-flight Young Eagles experiences while he chaired the program.

- Personally raised considerable funds for the program by donating auction items such as movie-set experiences.

- Elevated the stature of the Gathering of Eagles event, which takes place during EAA AirVenture Oshkosh, to make it a more effective fundraising vehicle for the program.

- Enhanced the program's public profile and exposure.

- Emphasized the "ambassadorship" message, underscoring the EAA Young Eagles Program's significant potential to enhance the image of general aviation among policymakers and the broad public.

- Personally provided flights to nearly 300 Young Eagles.

Sporty's Pilot Shop, in partnership with EAA, provides free online flight training to participating youth who are inspired by the Young Eagles flight experience to continue pursuing an interest in aviation. ConocoPhillips is the presenting sponsor of the EAA Young Eagles Program. Learn more at <http://www.youngeagles.org>.

Our third Young Eagles event on September 12th, 2009 was great and the first ever for the Yanks Air Museum (KCNO) in Chino, CA. We flew 96 Young Eagles with 21 pilots, 20 airplanes, 1 helicopter and 17 dedicated ground volunteers. A special thanks to all of our EAA pilots, the ones we usually see at these events and our ground support staff comprising EAA Chapter 92, the Orange County 99s, Orange County Pilots Association, Flight Safety International and others from the Fullerton and Long Beach areas.

Our final YE event for the year will be held Saturday, October 10th at the Planes of Fame Air Museum at Chino Airport. Please sign-up to volunteer and join in "Sharing the Passion for Aviation with the Future".

I am pleased that EAA Chapter 92 has again been asked to support Aircraft Spruce & Specialty Company's (ASC) annual Super Sale on Saturday October 3, 2009. The doors (sales) at this event open at 7:00 AM, so ASC has asked us to be on site at 6:00 AM to set up the raffle booth and the food service.

ASC is offering raffle chit cards to the customers. These chits are good for four (4) raffle tickets. Additional tickets are available for purchase at \$1.00 each. ASC donates the proceeds of the raffle ticket and food donation sales to EAA Chapter 92's YE program. We use these funds for YE Air Academy scholarships. Come on down to get a good deal on aircraft parts and accessories, a shot at winning a "major award", and having a good time meeting with friends.

Since October is our best visibility month, with clear skies and the ability to see over 100 miles, it is no wonder there is a demand for pilot activities. I will assist in the flying of the Los Angeles Center (ZLA - ARTCC) Controllers to introduce them to experimental aircraft. This should be a great time. Our participation in this event is cooperative with the Orange County Pilots Association and the W J Fox Airport Pilots Association.

I will also be attending the EAA National Leadership workshop in Oshkosh, WI from October 23-25, 2009. Our goal is to help build Chapter 92 into an even stronger organization.

Lastly, Bob Cashman and I attended the 20th Annual West Coast Falco Gathering (17-20 September 2009) hosted by Duane and Mary Root in Longmont, CO (KLMO). We had a great time and toured the Scion Aviation facility in Loveland, CO. Scion is the builder assistance partner to Falcomposite, Ltd., Auckland, New Zealand. Falcomposite (contraction of Falco and composite) has tweaked Stelio Frati's F.8L Falco into the LN 27 FG and RG versions. A VIP (vacuum infusion molding process) utilizing uni- and bi-directional graphite material and high temperature (250 F) epoxy is used to produce an exceptionally high performance airplane. I'll have a presentation available for the November meeting.

It is that time of year again where we take nominations for the Chapter officers and upcoming board positions. The Chapter 92 board assigned a nominations committee consisting of Ferdi Zittlau, Greg Fisher and Roland Koluvek to present recommendations for:

Advisor Activities:

Builder:

Roland Koluvek

Two weeks ago Cliff found that left side of the Cessna 170 was covered with gas. As it turned out that both left and right tanks went dry. As the left tank was leaking out, the right tank was siphoning to the left. That was 35 gallons of fuel on to the ground.

Cliff proceeded to remove the tank and I took the tank home to repair. First, I applied a little over 1 pound per square inch of pressure (it was about 30 inches of water). There is one psi for each 27 inches of water. I located 6 holes. One hole was quite large.

The pictures are at <http://www.eaa92.org/> Title: tank repair.pdf

1) I used an orbital sander and removed the paint and cleaned the area around each hole. I used acetone to clean the area around each hole.

2) I put an air jet vacuum on the tank to draw in ProSeal as I applied it to each hole. The tank popped at 3 inches of water. I did not want to go any higher fearing that I may collapse the tank.

3) I put a glass fiber patch over each hole and added more ProSeal.

4) After ProSeal cures for a few days, a leak test will be preformed; and the tank will be painted.

Dave Prizio

Gary Questa

Flight:

Ray Hecker

Bill Moyle

Jay Steffenhagen

Don Myhra



Jim's plane (fairings)

Problem:

The rugged terrain that makes Colorado a popular ski destination also makes it impossible for air traffic controllers to maintain radar surveillance over aircraft in certain areas.

The Solution

The FAA plans to improve safety while reducing delays at four Colorado airports through a new technology called Wide Area Multilateration (WAM).

For the full report, go to: http://www.faa.gov/news/fact_sheets/news_story.cfm?newsId=10810

Experimenting

Helpful ideas

Every home builder, at some point, needs to create fillets. They are a pain to almost everyone, but not Jim Emons (CNO). He demonstrated a method that allowed him to create fairings easily. Would you believe that less than 2 hours + less than \$4 equalled 4 perfect fairings for his one design Zuni? It has to be the best trick that I have ever seen. (see the two page PDF file at:

<http://www.eaa92.org/>

Title: jimfairing.pdf

Research studies

One of the new things coming to home builds is the process of vacuum infusion. Research is going on to make it simpler. How does one make the easiest mold? What tools are needed. This section will be reporting over time findings that work best for the home builder.

The biggest advantage of vacuum infusion is that the finished part will be the lightest possible weight while being the strongest. It gets away from the solid core manufacture of rutan and reverts to spars, ribs, and wing skins.

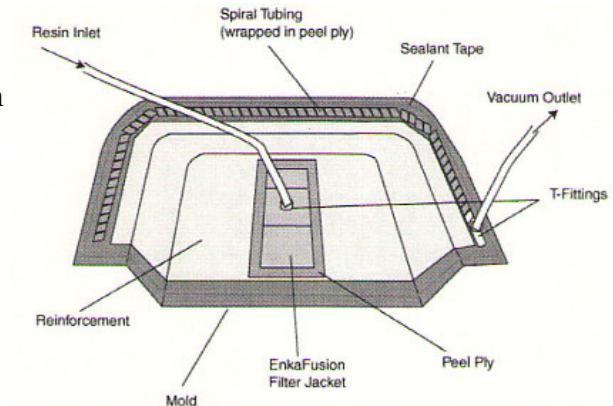
More will be posted on the EAA web site. However look at the videos for an adventure.

Doing a large boat hull

<http://video.google.com/videoplay?docid=-148495478450442606#>

Making a auto door panel

<http://www.youtube.com/watch?v=iy1kt9aDB6Y>



Young Eagle Activities:

We had a revised Young Eagles event on 9/12/2009. The Young Eagles, after sign in, received a sign out card. On it were a series of activities that included completing 4 of the 5 required activities to receive a Boy Scout merit badge, a museum tour (Yanks), a video about the history of flight, building a flyable model using a foam plate, a walk-around, lunch, and of course, the flight. When they completed everything, they received a packet acknowledging the completed activities, a Young Eagle patch and an EAA 92 patch, a bolsa glider, and access to ground school on the Internet.

The 97 attendees ended the day with a hot dog, chips and drink lunch. A great day was had by both the new flyers, their parents, and especially all of the EAA 92 volunteers.

Rebuilding the L5:

The rebuilding of the 1942 Stinson L5 at Yanks Museum is progressing slowly. It is approaching the point of installing the control surface cabling. Progress is slowed by the desire to build to "Golden Wrench" standards using volunteer efforts on Saturday mornings. Obtaining some of the factory original parts hqs caused delays. The plane has changed significantly since work started.

Member Planes:

The future will bring better representation.



Next Meeting:

Our next board and general meetings are Tuesday, October 6, 2009 at the Irvine Water District Headquarters, Irvine, CA. The board meeting begins at 5:30 to 6:30 PM. The social gathering is 6:30 PM with the general meeting from 7:00 – 9:00 PM. I look forward to seeing all of you at the next general meeting.

Ray Hecker

President and Flight

Advisor – EAA Chapter 92



Election Candidate Slots:

- President
- Vice President
- Secretary
- Treasurer
- Newsletter Editor
- Board Members (2 positions available)

Bylaws - Article XI Elections

Election of Chapter Officers and Chapter Board of Directors will take place at the November Chapter Membership Meeting. Voting shall be done by written ballot and three (3) Chapter Members appointed by the Chapter Board of Directors shall conduct and monitor the election. All ballots will be counted and confirmed by the monitors and the results of the election announced to the members present. If deemed appropriate by the members, the Chapter Secretary shall be responsible for the development and implementation of a process that will offer absent eligible voting members the opportunity to vote by proxy. Such process shall be reviewed and approved by the Chapter Board of Directors prior to its use.

All newly elected Chapter Officers and Chapter Board of Directors shall assume their responsibilities at the December Chapter Membership meeting, but no later than January 1.

Additionally we are looking for volunteers to assist with the web site, membership, marketing, out-reach, liaison with the Counties of Orange and San Bernardino and other activities.

This organization is only as good as the members who put in extra effort to make it so! Your participation is requested and appreciated.

Some sad and bad news:

Two days after our Yanks Air Museum Young Eagles Event, Dale Martin suffered a debilitating illness. Dale is at home recovering and doing as well as expected. We all wish him well and hope to see him at one of our Chapter events real soon. Anyone interested in sending a card, his address is: 3210 E Monroe Ave, Orange, CA 92867

***Gone West* – I just learned that our long time Chapter 92 member Harwood “Woody” Fowler was killed with his son-in-law Chad Kelly on Wednesday, 16 September 2009 enroute to Redlands Airport and an EAA Chapter 845 gathering. Woody was an advocate of his Quad City Aircraft “Challenger”. Many of you personally know Woody, who has been active in EAA Chapter 92 for many many years. He was doing what he loved best and sharing that adventure with his building partner and son-in-law Chad. The FAA and NTSB are investigating the accident. The government agencies report it will be months before the cause of the accident is know. We will miss them both terribly.**

Closing

The event associated with Dale, Woody and Chad brings to mind our need to be always prepared. When operating around or in aircraft, keep constantly vigilance. We all want you around for a very long time.

Keep ‘em Flying

Ray Hecker
President and Flight Advisor – EAA Chapter 92