



Chapter Seven

Long
Beach

President's Message

The EAA B-17 Tour is here! Hopefully you are reading this newsletter on or before Monday April 9th and if everything is going well there is soon to be a great big B-17 sitting on the ramp at Aeroplex. Everyone has been hard at work to get ready and to get this newsletter out a little early just to act as a reminder of the B-17 visit.

We are having a welcoming get together at Aeroplex on Monday afternoon and have invited all the local media representatives to come out for a tour of the plane. Please take advantage of this great opportunity to be involved in your local Chapter activities and come out and help.

The Chapter received a very special book for the Chapter library from a man named Rudy Frasca of Chapter 29 in Illinois. The letter that came along with the book explains that Rudy was so impressed with the book that he is sending all EAA Chapters a copy. The book is by Paul Poberezny and is titled: "Poberezny the Story Begins". The Early years of Paul Howard Poberezny and Audrey Louise Ruesch a partnership that changed aviation history forever. This is a grand gesture and is greatly appreciated. Please take a moment to read the letter that came along with the

book and be sure to check it out and read it. This is the type of thing that keeps the EAA great; this must have cost Rudy a fortune to buy a book for every Chapter.

I was checking out the EAA web site this morning and found mention of a new TV series and thought I would share the info with you.

From EAA Web Site:

April is "World Premiere" month for EAA-TV's new 13-episode series, *From the Ground Up*, on The Discovery Wings Channel. *From the Ground Up* is an original series on airplane homebuilding and restoration that debuts on Sunday, April 8, from 8-8:30 p.m. EDT, (7-7:30 p.m. CDT).

On *From The Ground Up*, viewers will see the actual construction of a Van's RV-8 airplane using the quick-build kit. EAA's expert builder Joe Schumacher provides an in-depth look at the art of homebuilding ... from the ground up. Schumacher has built several RV-6s, SX-300s, Christian Eagles, and Vari-EZ, plus has performed numerous reconstructions.

Schumacher and co-host Mark Annick will take viewers through the building process--from a collection of parts to its first flight. Along the way, they'll be shown various techniques, materials, tools and get an idea of the time and financial commitment required to build an airplane.

"A lot of people who ever wondered about the concept of building an airplane will be

interested in this series," Schumacher said. "This program will show people that it can be done, that, 'Hey, I can do this!'"

The focus of *From The Ground Up* is building an RV-8, but there are several sidebar features throughout the series on other aspects of aircraft building and restoration. "We're trying to show people much more than just this project," Schumacher said. In one episode, the EAA-TV crew visits a man who is building his airplane from a parts kit rather than the quick-build option, which is historically a more typical scenario for homebuilders. Other episodes feature useful information on available propeller options, engines, and restoration of vintage aircraft, including EAA's Jill Goggins and her Piper Colt restoration.

Here are descriptions of the first four episodes of *From The Ground Up*:

Episode 1 (April 8): Schumacher gives some tips on getting started, while co-host Mark Annick poses a number of questions every first-time homebuilder would ask. Schumacher and Annick also visit a homebuilder working in his garage to give viewers a feel for space and time constraints as well as an idea of the tools needed and costs involved.

Episode 2 (April 15): Assembly of the tail section. Van's Aircraft founder and designer Dick VanGrunsven gives handy advice to the project team. Schumacher and Annick also demonstrate basic riveting techniques used

throughout the project and install the rudder, elevator and stabilizers of the tail section.

Episode 3 (April 22): Schumacher and Annick take on wing assembly. Annick also explains Bernoulli's "Principle of Flight," viewers learn "bucking," a unique way to rivet the wing skin together and the wing's control surfaces are attached.

Episode 4 (April 29): Schumacher and Annick level and attach the wings to the fuselage, and viewers really see the kit-built airplane begin to take shape. Customizing options available to the homebuilder are explored. This episode also includes a look into the restoration side of homebuilding with a feature on how a vintage airplane comes back to life while still retaining its historical past.

The Discovery Wings Channel is available on digital cable systems throughout the US as well as satellite service providers.

See you at the meeting..

George McDaniel

Sometimes the best thing is just to go with the flow: "Life just is. You have to flow with it. Give yourself to the moment. Let it happen."
--Jerry Brown

VP's Chat Room

April Program

At the present time I have not confirmed a program for April's meeting. We will be working the B-17 experience Monday through Thursday and I have a chance to get a crewmember who did 3 campaigns during WWII. Waiting on a phone call.

About a year ago I became involved in the program "School to Careers" within the Long Beach School District. They ask people to give ½ hr or 1 hr information classes to students, usually 5th grade and up. Today I attended one school and did two ½ hr talks in two different classes. Aviation was the topic today. I also do talks about the construction industry. The school tries to find practical applications for the students' lessons, such as math related to construction or aviation or whatever.

Maybe some of our members will be interested in doing some classes about their work. Contact me for more info anytime.

See you at the meeting.

Don T.

P.S. Don't forget to keep your eyes and ears open for program ideas and pass those along to me. Thanks D.T.

*Secretary's
Note Pad*



BOARD OF DIRECTORS Meeting of Mar 8, 2001

George McDaniel, chapter president, reminded the Board that our chapter had agreed to split the costs of the Christmas dinner at the Phoenix Club with Chapter 92. This chapter's share of the cost over-run of the dinner is \$267.50. He will propose payment at the membership meeting.

MEETING MINUTES
General Meeting
Jan 11, 2001

Attendance: 33

George McDaniel, chapter president, led the members in the Pledge of Allegiance to the Flag.

OLD BUSINESS

Woody Fowler, treasurer, gave his report. George McDaniel reported that 22 members turned out for the Magic Mystery Tour of member projects on Saturday, February 10.

Videotapes are available for check-out on the table next to the officers' table.

NEW BUSINESS

One guest was introduced; Dave De Jardin glider pilot and banner tow pilot Woody Fowler reported that the Blanik glider is enroute from the Czech Republic. The Blanik will be kept at Lake Elsinore. Woody is looking for chapter members interested in sailplanes. Sailplane flights at Lake Elsinore are during daylight hours on Wednesday, Friday, Saturday and Sunday. At Los Alamitos, flights are Tuesday afternoon and after 11:00 AM on Sunday.

Woody asked members, when they get their Young Eagles certificates, to turn over to him as treasurer. The EAA in Oshkosh considers these certificates money toward tuition at the EAA Air Academy.

George McDaniel has checked a website for the cheapest air fare to Oshkosh Air Venture 2001. American Trans Air offers \$119 one way to Milwaukee.

Mike Hanson recommended Travelocity.com for finding the cheapest air fares.

George McDaniel informed members that Chapter 7's share of the Christmas party cost over-run is \$267.50. A motion was made to pay the cost over-run. The motion carried.

Rick Vaux, chapter technical counselor, did an FAA conformity check on Bill Mnich's Thorpe T18. Bill Mnich is going to Seattle; he will keep in touch with chapter members.

Rick checked out Rick Thomas' project. They figured out how to install a fuel gage. Sealing the firewall is a problem. The steering link for the nosewheel goes through the bottom of the firewall. Rick asked for members to help Don Herzstein move his Rutan Cozy on Sunday, March 18.

Darwyn Wolff, Young Eagles coordinator, gave his report. Member pilots flew 17 Young Eagles on February 17. Tom Griffith moved that the next Young Eagles event be moved to Saturday, May 12. The motion carried.

George McDaniel told members that 7 volunteers will be needed on the ramp at Aero Plex during the visit of the EAA B17, from April 9-12.

John Mahany, chapter flight advisor, discussed the recent mid-air collision over the Long Beach harbor breakwater, which caused the deaths of two instructors and two students. One pilot was practicing S-turns over the breakwater at 1000 ft. The other pilot was exiting the Long Beach area over the breakwater. After the accident John attended a meeting of aerospace users. A monitor frequency of 122.75 MHz has been set up. John told members that all pilots should be familiar with the local route structure map. The most effective daytime visibility feature on an aircraft is pulsating lights. Familiarity with the local route structure does not reduce the "see and be seen" principle of flight safety. It is necessary to monitor 122.75 MHz after leaving the traffic pattern.

Don Hertzstein, with the help of chapter members, will be transporting his completed Rutan

Cozy to Compton Airport. He showed members the instrument panel he acquired from Pflueger's in Shasta County in northern California. The panel is cut out of polycarbonate, bonded with wood veneer. With LED's (Light Emitting Diodes) installed to illuminate the gauge, price was \$950.

PROGRAM

A formal program was not presented but members discussed several aviation events and projects. Much interest was shown in Don Herzstein's panel considering the cost vs. purchasing one shown at aviation shows. Al Gibbs' plans for his RV-9 tail feathers had quite a few heads lending interest.

REFRESHMENTS

April.....Merv Meyer
MayTom Griffith

"The only thing that makes life possible is permanent, intolerable uncertainty, not knowing what comes next."
--Ursula K. Leguin



**Pickle the
Metal Now
Save \$\$\$
In the
Future**

Howdy to the gang at Chapter 7. This month I'd like to write a little about engine preservation during storage.

Let me set the scene; You have been working on that airframe for a year, but, have no engine as yet, and you

really need one so mounts, cable runs, controls, and systems can be installed. About this time, a friend calls to tell you he found a great deal on an engine, and do you want it? After inspecting the powerplant and finding it in good shape you decide to purchase it for your project.

Sooooo...you now have an aircraft which still requires months to finish, and an engine which will probably not be operated until the project is done. In order to be sure your powerplant is ready when the airframe is, it must be protected from corrosion and acid buildup damage. Here is how that can be done.

Note: This procedure is slanted toward aircooled aircraft engines, but will work equally well on any reciprocating engine.

- A.. Lycoming
 - (1) Drain oil from tank and refill with Aeroshell Fluid 2F, or Poly-Fiber ESO (Engine Storage Oil)
 - (2) Remove top spark plugs and slowly turn engine through 2 revolutions by hand. Let engine stand for 10 minutes, and then turn engine back and forth through 90 degs. for 12 cycles. Drain preservative oil.
 - (3) Spray exhaust valve and port of each cylinder with piston approx. 1/4 turn before Top Center on the exhaust stroke, using preservative oil.
 - (4) Spray approx. 2oz of preservative oil in each spark plug hole.
 - (5) Seal breather openings with oil and moisture resistant caps.
 - (6) All accessory drives which have oil seals must be coated with preservative oil before installing covers.
 - (7) Spark plugs must be installed in the bottom holes, and dehydrator plugs (p/n AN4062-1) in top cylinder holes. Attach ignition leads to lower plugs, and ignition cable protectors to top leads.
 - (8) Install covers on exhaust ports and all other openings.

(9) Exposed cadmium plating or machined surfaces should be protected with a corrosion preventative such as LPS-2/3

(10) Periodically inspect your engine for signs of corrosion. If you find any, the affected area should be cleaned and the engine resealed.

B. Continental

(1) Remove top and bottom spark plugs and spray preservative oil (same type as for Lycoming) in the upper spark plug hole of each cylinder with the piston down. Rotate crankshaft as each pair of cylinders is sprayed. Stop crankshaft with no piston at Top Center.

(2) Respray each cylinder without rotating the crankshaft. Move spray nozzle from top to bottom plug hole being sure to cover cylinder interior completely with preservation oil.

(3) Reinstall spark plugs.

(4) Spray approx. 2oz of preservative oil through oil filler tube.

(5) Seal all engine openings with plugs and non-hygroscopic tape (don't use Masking Tape!)

(6) Lastly, if the engine has been preserved with the propeller on, be sure to hang a sign on it which reads: "Do not turn propeller. Engine preserved"

I realize this all sounds like a big hassle, but it is sure nice to look into an engine and see nothing but sparkling steel and aluminum !

Well, thanks again, Troopers, for your attention. Be sure to keep the blue side up and the brown side down.

Rick Vaux
TC4130

Calendar of Events

The list of air-show and aviation events shown here are limited to 3 to 4 months in advance. If there is a event with Chapter participation such

as the AOPA convention, it may be carried longer. With plans to establish committees within the chapter to organize events, there is hope to generate interest in attending most aviation events in the Southwest region, and fly-out events of our own for breakfast, brunch or local points of interest.

Apr 8-14. Lakeland, FL ctc: 863/644-2431. On the web go to: www.sun-n-fun.org

May 4-6. El Cajon, CA. CAF Air Grp One "Wing Over Gillespie" WW-II Static Airshow. Ctc Marti Davis 619/561-3100 or on the web: www.EaglePro88@aol.com

May 5. Rubidoux, CA Great Vintage Aircraft Fly-In sponsored by EAA VAA-Chptr 33. Ctc 909/780-7021.

May 11-12. Columbia, CA. 12th Annual Taylorcraft Rendezvous. Ron Sawyer 209/536-9415.

May 18-20. Columbia, CA. Gathering of Luscombes 2001. Doug Clough 360/893-5303.

May 25-27. Watsonville, CA Ctc 831/7673-5600.

Jun 1-2. Merced, CA. West Coast Antique Fly-In. Virginia Morford 209/383-4632.

Jun 1-2. Ramona, CA. Ramona Air Fair. Richard Selinger 760/788-6174.

Jun 8-10. Columbia, CA Bellanca-Champion West Coast Fly-In. Ozzie 661/942-7149.

Jun 23-24. Van Nuys, CA. Aviation Expo 2001. Stacy Geere 818/909-3529.

Be sure to check out the culinary delights available at the newly remodeled Wings Café at the APV Terminal Building. Owner and delightful operator Lydia DeMaio recently informed me that she bakes her pies and cakes right there at the restaurant with her own lily white hands, and from scratch, no less! Her sticky buns look good, too. No Betty Crocker assistance for Lydia, by golly. Check out her daily specials, too!

Lynda's Food Shack at the Hesperia Airport is now open. Open for dinner 1700-2100, I don't know what the early hours are, but presumably 0700-1500.

Don't forget the on-airport restaurant at Flabob. Help to keep these establishments open with those Sunday jaunts for those \$150 hamburgers (inflation, you know).



YOUNG EAGLES

MAY 12th

Young Eagles event is next scheduled for May 12th. This will be the Saturday after the regular meeting on May 10th. I am still having to confirm the date with Aeroplex. We have several groups now being able to provide regular fulfillment. Please note your calendar for this date.

Darwyn

Boeing, Boeing

Bob Hartunian has again set up a date for EAA Chapter 7 and their guests for a tour of the Boeing composites plant .

The date is **May 11th**, the day following our regular May meeting. Those that were able to make the previous tour will be glad to tell you how great the last tour turned out.

Remember: You or your guest **MUST be a citizen of the U.S.** to go on this tour.

Chapter Website

Come see what's new. If you haven't already heard, the chapter has a web site up and running courtesy of our member, Mike Stearns. Mike has added new

features and pictures of Airventure 2000, member projects & profiles, and chapter events.

We need your photos, digital or prints to add to our site. Thank you.

<http://www.beegroup.com/eaachapter7>

So-Cal Corner

My sincere thanks to the chapters that are participating in the newsletter exchange between the southern California chapters. It is a source of news of other chapters in the immediate area. The classifieds in the newsletter are a good source of parts without having to buy sight unseen or have shipped cross-country. I urge you to support these other chapters and you may want to attend some of their events. Newsletter editors: please direct your exchange newsletter to: 6710 Via Irana, Stanton, CA 90680-1921 or always1@gte.net

Chapter 1

(Flabob Airport, Rubidoux, CA)
Open House was doused by unpredicted rains. The spirits of Chapter One members were not. A few die-hards turned out for the event. Most appropriately was a DH Otter on floats. Fortunately the rains of the '70's which flooded Prado and Corona did not prevail. The banquet and awards went on as scheduled and we wish them better luck for 2002. Darlene Heller heads up the position of editor and has set a new standard for me to beat. Be sure to view it at our meeting. Membership now exceeds 300. I counted 32 new members on the April issue. Glad to see things come together out there again, a re-vitalized airport and a much needed re-vitalized EAA Chapter 1. GREAT work!

Chapter 14 (San Diego)

Renewals for 2001 are lagging. Hang in there, when they don't get their next newsletter, it will go up again. Hangar rents up 25%: whole \$125, share \$87.50, tie-down \$37.50. The prices seem from the end of WW-II compared to Long Beach. Chapter Fly-In TBA for prime summer date. Fly-In breakfast each third Saturday of the month. Can access on web at : <http://www.eaa14.org>

Weekly open house at Brown Field. Chapter due \$25/yr. Newsletter now bi-monthly to cut cost.

Chapter 92 (Orange County)

<http://www.eaa92.org>

Next meeting, Apr 4, Los Castillo Restaurant, 7:00 p.m. 15061 Beach Blvd., Westminster. Chptr looking for possible new meeting place. Los Castillo would like to see more business in return for the meeting room. \$127 just doesn't cut it in the restaurant business, guys. Hard to find those good meeting places for \$00. Chapter trailer needs repair.

Chapter 96 (Torrance, CA)

<http://www.geocities.com/ea96>

Third Wed. of month, Torrance airport Admin. Bldg. Eight aircraft attend fly-out to French Valley plus one drive-out, Dick Woods. Hopes of having a chapter hangar. YE flown in Y2k: over 340. Nearly 2,500 YE flown since 1994. Next YE event is Mar 10, Hawthorne.

Chapter 275 (Lompoc, CA)

Loss of member Timothy Lucero to cancer on Jan 17. Meeting held in hangar of Maureen De Necoche, building a Zenith CH-801. Jerry Kurtz donated 6 cases of premium av oil (makes sense, sailplanes do not use oil). 3 new members.

Chapter 286

(North San Diego County)

<http://www.geocities.com/ea286>

Speaker: Craig Sherman, pilot for American Airlines and Glasair III owner.

Chapter 527 (Santa Barbara)

<http://www.citabria.westmont.edu/ea>

Meeting second Thursday of month. President Dorchen Forman is recuperating at home. Chapter is hosting EAA B-17 on April 26-28. CAF B-17 visiting SBA on May 15-22. Excellent guest speaker, Dr. Rowe spoke on laser surgery, Lasik and lense replacement for FAA vision correction.

Chapter 768 (Apple Valley)

Lots of classified ads. In the area, check Lynda's Food Shack at Hesperia airport is now open. Check the "Wings Café" at APV. Dues are \$24 per yr.

We receive other newsletters via snail-mail which can be viewed on the chapter information table. Looking for parts, engines, tools, airplanes, kits, help; it's closer than you think in one of the newsletters we receive monthly.

Look for this section to expand as we get additional newsletters from other chapters.

(Editor) I want to add here that we have received a significant number of newsletters from other chapters. Don't know if we were the first but I did get on the bandwagon about sending the newsletter via e-mail. Other chapters have picked up on the idea and I expect others will also. Chapter One gets my vote this month for a very nice format and layout. When you have over 300 members, this represents significant savings to the chapter whereby funds can be used for other benefits. Congratulations to Darlene Heller for her efforts and the other editors participating in this chapter exchange of information.

The following information was referred to on the chat room for Mazda engines. Just imagine a "heads up" display you wear on your glasses, for under \$5,000.

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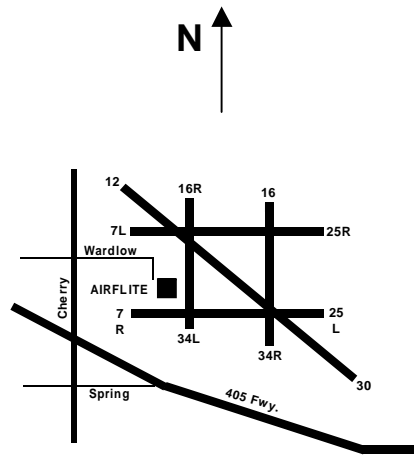
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Chapter 7 meets on the second Thursday of each month at 7:30 pm.

We meet at the AIRFLITE facility on the long Beach Airport. Airflite is located on the west side of the airport near the C-17 building. Go east on Wardlow Road from Cherry Avenue to the **Airflite** sign. Turn right, go to the large parking lot at the end and park. Go upstairs to the third floor with the large open area.

Board meetings begin at 6:30 p.m. Board meetings are open to all members.

Web-Site:

www.beegroup.com/eaachapter7

EAA Chapter Seven Non-Profit Declaration and Legal Disclaimer

EAA Chapter Seven exists as a non-profit organization whose sole purpose is to promote the interests of its members. EAA Chapter Officers, Directors and Leaders serve without compensation and have sworn to carry out the will of the membership by means of Democratic processes and rules of order set forth in the Chapter's by-laws. No claim is made and no liability is assumed, expressed or implied as to the accuracy or safety of material presented in this publication. Viewpoints of those who contribute to this newsletter are not necessarily those of EAA Chapter 7, the EAA, or their board members. You must be of good character, adhere to the chapter's by-laws, and respect the chapter's Mission and Value Statement to become a member of the chapter. Dues are \$12.00 per year payable to the Chapter Treasurer. Chapter dues are payable at the first meeting of the calendar year. New members joining after the first month are prorated at \$1.00 per month through December of the calendar year. Member correspondence and newsletter contributions are encouraged which can be submitted by mail to the address appearing on this page or my e-mail.



Chapter 7 Newsletter

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**ADDRESS CORRECTION
REQUESTED**