



Chapter Seven *Long Beach*

President's Message

by **George McDaniel**

Don't forget the "B-17 Volunteer Thank You Party" on Sat. June 19th at Chapter 96's Hanger on the Compton Airport. This event is for everyone, not just the B-17 Volunteers. Also this is a great time to check out the latest projects in the Chapter 96 Hanger. I think there are currently at least 17 different projects in various stages of construction. The party will start around 11:00am and run until 2:00pm or so. Bring your friends and family.

I had a great time on Saturday of Memorial Day weekend at Joe and Charleens hanger at Corona Airport. Lots of people, food, flying and fun. John Mahany flew over in our C-150 so we could give rides and Don Myhra, John and me all gave at least one ride in it. Joe was going to teach me how to "hand prop" their new Cubby but I decided that with so many people around to laugh at me I would learn how another time. Charleen was busy giving rides in the Cubby and Gary Steinke was flying people in his Jenny replica. It was a lot of fun – thanks Joe and Charleen.

Chino Airshow was great this year. Several Chapter 7 members came out to help Chapter 92 with the "Food Booth", "EAA Information Booth" and transient plane parking. The Planes of Fame Museum did their usual great job of putting on a great show. Lots of planes performed and the crowd had a great time. Chapter 92 sold lots and lots of Bratwurst both days and had a very successful fund raiser.

Now is the time to plan your trip to Oshkosh. It would be nice to see a large group of Chapter 7 members show up this year. Please let me know if you are thinking about going but haven't decided, I will do my best to convince you that you need go. I can't recommend it enough.

The Young Eagles Event this month is in Chino at the Planes of Fame Museum on the 12th of June. This in National Young Eagles Day. Look for Darwyn's article elsewhere in this newsletter.

Enough for now, see you at the meeting...

VP's Chat Room

By Don "Crash" Thompson

Program -- June 10, 2004

This month I am still coming down the home stretch with little in the saddle. We are attempting to put together some last minute items with pictures and discussions of Sun n' Fun 2004. Frank Gaggia gave a small glimpse of what he and Woody experienced just as we broke the meeting last month. Hopefully he will be able to expound in much more detail.

The program is sure to be informative and interesting to all who attend.

Several copies of the premier issue of the new **EAA SPORT PILOT & Light Sport Aircraft** magazine will be on display at the newsletter desk for your viewing pleasure. Those of you that were subscribed to **The Experimenter** are now receiving this new version of the magazine. If you are considering a Light Sport aircraft in your future you should seriously consider subscribing to this top quality magazine.

BE THERE – BE IN THE KNOW!

Oshkosh 2004 Chapter 7 Style

Haven't made plans for Oshkosh 2004 yet, what are you waiting for? Come to the June meeting and find out some of the specifics already in the works. The chapter has purchased its own 10 x 20 foot canopy, the banner is in the works, and the food menus are already being planned. Looking even better than 2003, if that is possible, the chapter chef will outline some of the more mundane faire such as "parmesan crusted chicken" or the slow-roasted pork tenderloin with garlic mashed potatoes, steamed vegetables and fresh rolls. Those that did not attend Copperstate 2003 will get to experience the great biscuits & gravy that even gives Flo's a run for her money, sausage bits & more.

There will be a horse-shoe pit this year, camp fire pit, marshmallows & our great hot cappuccino's with whipped

cream. Other games will include trak-ball and evening entertainment supplied with "grab your lounge chair" seating for some of the funniest DVD's to keep your sides hurting with laughter.

As usual, KP duties will be shared as everyone is expected to take their own plates and utensils to the local dumpster for disposal.

Don't miss out one of the best chapter social events of the year. Plan early.

John Mahany
Master CFI
Member of
EAA Chapter 7



Joe Riley and his lovely wife Charlene hosted a great hanger party last Saturday, May 29, at Corona (AJO). I was lucky enough to be able to fly out in Don, Don and George's Cessna 150, and I had a blast! Since I don't fly nearly as much now with my new job, it was a real treat to be able to fly out there, over the traffic on the 91. There was a good turnout, food and music! A nice way to spend a Saturday afternoon! Thanks Joe and Char!

Joe was giving rides in his Cessna 170, which he has been rebuilding, and Char was flying her Cubby. I had hoped to get a ride with her in the Cubby, but it did not work out. Oh well. Hopefully next time! I did give some rides in the CE 150, and it was a lot of fun! We went to the southeast, and over Lake Mathews, and then back. I finally headed back to LGB at about 8 pm, flying into the setting sun. I have not done this in a while. It was a nice flight, a smooth ride, and forward visibility was good. There are often times when flying west in the evening, VFR, is difficult. You can't see the airport from the 605 Freeway due to the haze in the basin. This was not one of those nights.

Well, we are into summer now, with Memorial Day behind us. Days are getting longer, until June 21, the summer solstice. This is the time when it can be harder to stay night current, because it requires flying later in the evening hours to get 'night current', which starts one hour after sunset. I put on a night flying seminar last year, and it was well received. For some pilots, as they get older, and hopefully wiser, they do not do as much night flying, intentionally. The risk factor does go up. So, check the sunrise and sunset tables, or your GPS, and plan your flight accordingly. However, having said all that, I do have to say that I love night flying, and all that it offers. It is a matter of weighing the risks.

Also, there are only a few airport restaurants that are open for dinner. Not to mention knowing when the tower closes, for current weather information, and fuel availability. These are all considerations, and are important to know before you get going. I know I am not night current. Are you?

Keep the shiny side up, and fly safely! ✈️

2004 Membership Lists

Currently the chapter is showing 54 paid members according to the treasurer's records. Printed lists of the membership will be available to members attending the meeting. If you receive your newsletter via e-mail, please send a request to always1@verizon.net and I will be sure to send you a copy. Please specify MS-Excel or Adobe Acrobat format.

Chapter 7 continues to be one of the lowest rates for membership, just **\$12.00**. Considering the amount of information and excellent articles by our contributors, this is a major bargain for members.

I urge you to renew so you do not miss a single issue. An application form is included again as in past months. Please mail or bring to the meeting on Thursday. If unable to attend, mail your check for \$12.00 payable to "**EAA Chapter 7**" with \$0.37 postage to: **Woody Fowler, EAA Chptr 7 Treasurer, 11449 Anticost Way, Cypress, CA 90630-5429.**



Technical Counselor

At this time the chapter does not have a designated technical counselor. Until such time that we find a new T/A, I will try to fill this section with articles from various publications and other sources.

Mike Sawicki
Chapter 7 Newsletter Editor

To See Better is the Next Question What are the Risks ???

Everyone would like to have the eyesight we were born with but poor eye care and diseases take their toll over the years. Many find themselves in the optometrist's chair looking at eye charts and lines on the wall as time goes by.

As with any medical advancement, correcting eyesight through surgery was bound to happen. Over the years, there have developed several types of procedures that can correct our natural deficiencies.

The first procedures were crude and required keeping eyes shielded for days after the operation. Today, the procedure uses lasers rather than a surgical knife and the down time is practically non-existent.

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.

Jun 12: Chino, CA. International Young Eagles Day. EAA Ch & Ch 92 joint YE event with tour of museum.

Jun 19: Compton, CA. B-17 Appreciation Day at Chptr 96 hangar. Celebration of the great work done by the volunteers that helped in the B-17 tour at Long Beach. **ALL** chapter members are welcome.

Jun 18-20: Marysville, CA. EAA Golden West Regional Fly-In. Ctc: www.goldenwestflyin.org. **EAA Chapter 7 campout with new canopy and banner.**

Jun 19: Columbia, CA. Father's Day Fly-In. Ctc Jim Thomas 209 / 533-5685.

Jun 26: Upland, CA. Warbirds at Cable Airshow.

Jun 26-27: Ramona, CA. Ramona Airshow. Ctc: Steve Butler B3308@aol.com.

Jul 7-11: Arlington, WA. 35th Annual NW EAA Fly-In. Ctc: <http://www.nweaa.org>

Jul 27- Aug 2: Oshkosh, WI. 51st Annual AirVenture.

Aug 14: Hawthorne, CA. Hawthorne Air Faire.

Aug 27-29: Santa Maria, CA. Warbird Fly-In.

Aug 28-29: Camarillo, CA. EAA Chptr 723 Airshow & Open House Fly-In. Ctc: www.camarilloairshow.com

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 snail-mail exchange newsletter to: **22380 Rios Ave., Perris, CA 92570-9265** or e-mail to: always1@verizon.net

EAA Chapter One. Flabob Airport, Rubidoux, CA. Newsletter seems intermittent. Hope to get back on track and find out what is happening in that part of Riverside County. Applying for 501(c)(3) tax status.

EAA Chapter 11: Santa Monica, CA Newsletter bi-monthly. Miss receiving their newsletter. Maybe again soon.

EAA Chapter 14. Brown Field, San Diego, CA. Chris Puntis getting close to finishing his Sonex. Interesting & colorful 12-page newsletter. Lot of news and activity. Web site: <http://www.eaa14.org>

EAA Chapter 40. Van Nuys, CA. Meet at Whiteman A/P 3rd Sat. 9 a.m. Great turn out for their YE event in Dec at VNY. Forming chapter hangar at Whiteman. Air fair scheduled for

Whiteman Sep 2004. Working on their 501-c-3 status. New website: <http://www.eaa40.org>.

EAA Chapter 49. Lancaster, CA. Thank you for your newsletter via e-mail.

EAA Chapter 92: Orange County, CA. Starting October 2003, meeting moved to Chino airport, first Saturday. Web site: <http://www.eaa92.org>

EAA Chapter 96. Torrance, CA. Seemed to have lost touch with this chapter, hope to exchange again soon. Hangar still full of projects. Some space available. Web site: <http://www.eaa96.org>

EAA Chapter 71. Bakersfield, CA. They're back! Well, they were for a while. Hope to hear from them again soon. Home of Harmon Rockets.

EAA Chapter 224, Alhambra, CA. Meets third Tuesday at El Monte airport admin bldg. 8 p.m. Several projects underway. Active, just need more members. Only 10 at last meeting.

EAA Chapter 494, Corona, CA. Chapter hanger, lots of projects moving right along.

EAA Chapter 527, Santa Barbara, CA. Great newsletter, see copy at the meeting table. Great activity in chapter.

EAA Chapter 1000: Edwards AFB, CA. Mtg held at Flight Test Museum. The Chapter Project Police raided the Chapter One open house to spy on the projects there. Web site: <http://www.eaa1000.av.org>

EAA Chapter 1116: Bermuda Dunes, CA. Breakfasts and YE flights keeping this chapter busy.

EAA Chapter 1279: Murrieta-Temecula, CA. French Valley Airport. Last Sunday of month, 2 p.m. Lots of projects in the pot. New web site: <http://www.eaa1279.org>

At this time I want to thank all the participating chapters. We look forward to other chapters joining the exchange. I wish I could publish all the interesting articles I read in the various newsletters.



**The
Eagles Nest**
by Darwyn Wolff

A joint Ch 7 and Ch 92 Young Eagles Rally is planned for **June 12th** at the Planes of Fame Museum on Chino Airport. Chapter 92 Young Eagles Coordinator, Vince Orton will officiate. As we expect this to be a well-attended rally we will need pilots and planes and ground volunteers. Vince has a registration website:

<http://ye.pacstates.com>

If you can, please sign up to volunteer (or to register Young Eagles) through this on-line site.

Vince Orton may also be contacted at:
Pacific States Systems Company
Tel 909-597-5201 x224 Fax 909-597-5281
Cell 909-201-3730

I will also have a sign up sheet at the June 10th Chapter meeting which I will forward to Vince.

I expect the joint rally to be an event not to miss. Chapter 92 does a barbeque for Young Eagles and volunteers and there is free access to the Planes of Fame Museum. So pack your hat, some sunscreen and a camera and come out to Chino for fun time.

Classified Section

Nuts, Bolts, Engines, Planes & T'ings



1958 Tri-Champ model, Champion Aircraft Co. White with two-tone blue trim. Always hangared. Stits cover. Tandem seating. C-90 engine 594 hrs SMOH. TTAF 2490. Cruise 100, stall 38. **True showman quality. \$29,900.** Contact Dwight at 714 / 828-7027.

**Secretary's
Notepad**

Submitted by
Merv Meyer
Chapter Secretary



BOARD OF DIRECTORS

Meeting of May 13, 2004

Don Thompson, Chapter Vice President, told Board members that it is possible that Ray's Flying Club, which hosts the Young Eagles events at Fullerton Airport, may be out of business by the next Young Eagles event. He believes that the operator of the flying club considers Young Eagles events to be mainly photo opportunities for his business. George McDaniel, Chapter President, noticed that in the Young Eagles events reported in the local press the EAA was never mentioned.

Sam White, Chapter 7 member and an officer of Ray's Flying Club, told the Board that he himself had invited the Orange County Register to a Young Eagles event at

Fullerton Airport for the purpose of promoting aviation through schools. He has also worked with the Rotary Club for this purpose. Sam suggested that Young Eagles pilots work out a procedure for dealing with children who become upset during a flight.

George asked Sam to work with Darwyn Wolff, Young Eagles coordinator, to determine if another Young Eagles event can be held at Fullerton Airport. Don Myhra, Chapter 7 member and President of Chapter 92, suggested that a Young Eagles event be held at Chino Airport. George said that there will be a Young Eagles event at Fullerton Airport if Darwyn has committed Chapter 7. There will be no other Young Eagles events at Fullerton Airport in the foreseeable future.

Woody Fowler, Chapter Treasurer, moved that \$1,500 be moved from the chapter's cash on hand to the Air Academy Scholarship Fund. The Board approved the motion.

Voting rights in a chapter require not just chapter membership but membership in EAA National also.

MEETING MINUTES

General Meeting

May 13, 2004

ATTENDANCE: 40

George McDaniel, Chapter President, led members in the Pledge of Allegiance to the Flag.

OLD BUSINESS

Woody Fowler, Chapter Treasurer, gave his report. Tom Griffith moved that the Treasurer's report be adopted. Don Myhra seconded the motion. The motion carried.

Tom Griffith moved that the minutes of the board and member's meetings, as printed in the May newsletter, be approved. Don Myhra seconded the motion. The motion carried.

Videotapes are available for check-out. They are located on the table next to the officers' table. Louis Bigelow has provided the Chapter with a number of data CD's of the 4313 manual. Some are still available at the video table.

NEW BUSINESS

Guests were introduced:

LON CLAUDIO from Pasadena, a pilot, interested in an RV8 project

DON GORDON, a retired FAA inspector, still an AI

DAVID RIESER back into flying after two years, interested in acquiring an RV4

MARSHALL GAGE former chapter member returning

STEVEN TUINEI

George McDaniel told members that during the visit of the EAA B17 to Long Beach Airport 122 seats were sold on flights. Don Myhra bought George a B17 ride. Seven Chapter 7 volunteers got free B17 rides. Israel Farfan and his four

children were volunteers during the B17 visit. Two of his children got a free flight.

Don Thompson and Tom Griffith brought the volunteers who were on the Long Beach to Fox Field flight back to Long Beach Airport.

George brought a photo album of the B17 visit to the meeting, for members to see.

The EAA B17 accident was discussed. After landing at Van Nuys Airport after a flight from Fox Field, as the B17 was leaving the runway for a taxiway, the landing gear collapsed. Damage may cancel part of the remaining schedule.

George told members about planning a Young Eagles event together with Chapter 92 at Chino Airport. In addition to an airplane ride, a Young Eagle would get free entry to the museum at Chino Airport.

Mike Sawicki, Chapter Newsletter Editor, will be buying a new canopy for airport events. He is checking out a new source for a 6' x 10' trailer.

Tom Griffith, Chapter Membership Coordinator, asked any member who has not received his membership card to contact him.

John Mahany, Chapter Flight Counselor, was absent because he is conducting an FAA sponsored seminar at Fullerton Airport.

Mike Stearns brought a print-out from the Scaled Composites website (www.scaled.com/projects/tierone). The Rutan project is in competition for the worldwide X-Prize. Ten million dollars will be awarded to the first team to fly a privately funded sub-orbital spaceship up to 100 km (62 mi) at the edge of space, return safely and then go up again in two weeks. The manned spaceship must be capable of carrying three individuals. Recently the Rutan entry, Space Ship One, was carried up to 46,000 feet by a carrier airplane, another Rutan design called the White Knight and then launched. On this, the third flight, Space Ship One reached Mach 2.1 and 211,000 feet above sea level. The Rutan entry is funded by Peter Allen, the co-founder of Microsoft. Plenty of money to fuel this project.

George told members that there will be a party for B17 volunteers at the Chapter 96 hangar at Compton Airport on Saturday, June 19. There are 20 EAA projects to visit at Compton Airport. Don Thompson, Chapter Vice President, told members that there will be a volunteerism meeting involving people who were involved in the B17 in the factory or as members of a flight crew.

Don commented on the attendance at chapter meetings. Attendance ranging from 30 to 40 at each meeting provides a group base group for activities.

Mike Sawicki told members who need a ride to summer events to contact him.

Frank Gaggia met Barnaby Wainfan recently. Barnaby is an airplane designer and an aerodynamics engineer. He has presented programs at chapter meetings. He is willing to lecture to our chapter again.

Rick Thomas showed members a sheet of aluminum covered with zinc chromate primer. The primer had been on this sheet for 20 years and there was no sign of corrosion. Rick wants information on a three-blade prop installed on a Grumman

AA1A. One blade is not tracking. Rick would like to see a revival of project visits. He wants to pool information on project problems. Right now he is working on a Grumman Yankee hybrid.

Frank Gaggia attended Sun n' Fun in Florida. The weather was the coldest he had ever experienced during a Sun 'n Fun event. There was little new from 2003. He checked out the Cumulus airplane. He talked with airplane designer Jim Bede. Bede's most recent completed design is the single seater "Nugget". He is designing a two seater version with bigger flaps and smaller ailerons. Frank met Larry Neal, pilot of the Carter Copter gyrocopter. Larry Neal has his own design, a gyrocopter called the "Butterfly". The Butterfly has a Mazda rotary engine.

Frank attended an ultralight trike flight seminar.

PROGRAM

Presenter was Josh Pine, designer of the Roxanne, a tandem tractor/pusher monoplane with centerline thrust. He asked members to rethink certain common assumptions:

1. Twin engine airplanes are always large and complex.
2. General aviation aircraft must have a slow stall speed to make off-airport landings more survivable.
3. You can regulate any aircraft into safety.
4. All new technologies will come from the government.

The tandem tractor/pusher configuration negates the control problems which occurs when a conventional twin loses power in one engine.

There have been four tractor/pusher center line thrust airplanes built:

- (1) Dornier Do335 "Pfeil" (Arrow) German, 1944
- (2) Cessna 337
- (3) Rutan "Defiance"
- (4) Adamair

A single 180 hp certified aircraft engine retails for \$30,000. Two 80hp snowmobile engines which he will use to power Roxanne retail for \$2,000 each. The probability of loss of two engines in flight is 1:1,000,000.

Josh showed a computer graphic simulation of his design in flight. Fuselage and wing are based upon the Van RV9. There are two 80hp Sno Mo engines, turning constant speed propellers. It is a tandem two seater. Wingspan is 33'; length is 25'. Weight empty is 1070 lb; maximum weight loaded is 1750 lb. At 300 ft MSL, with 50% fuel load, pilot only, full power airspeed is 195 mph. Single engine maximum speed with the prop of the dead engine feathered is 130 mph. The long nose of the Roxanne is to counteract the weight of the tail unit, where the rear engine is located. Weight assumptions are based upon the Van RV9.

There is no significant difference in airspeed with either front or rear engine out. The airspeed with the rear engine out is slightly higher. The ultimate model would be with two Rotax three cylinder turbocharged engines, each putting out 225 hp.

REFRESHMENTS

June	John Mahany
July	Sam White
August	Birch Parker

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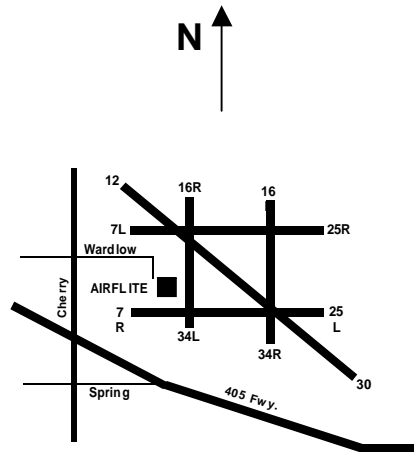
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Chapter 7 meets on the second Thursday of each month at 7:30 pm.

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.eaa7.org

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 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**