

The WingNut

EAA Chapter One Flabob Airport (RIR) Riverside, CA



Volume 57, Issue 9

We make flying FUN!

September 2010

Open House to feature engine conversion forums



It's almost here! Saturday, September 25th is the date for Chapter One's annual Open House Fly-In. This year's fly-in will feature an afternoon of engine conversion forums, put together by **Pat Panzera**, editor of *CONTACT!* Magazine and the *EAA Experimenter* newsletter. Pat, who is a homebuilder and Corvair engine guru, will speak and host the forums. Also speaking will be **William Wynne**, "The Corvair Authority"; **Paul Lipps**, of Elipps Propeller; **Joe Horvath**, of Revmaster Aviation, speaking on VW engine conversion; **Al Gietzen** will speak on his three-rotor Mazda-powered Velocity; and a Subaru guru may make an appearance. It should prove to be an exciting afternoon, presenting a wealth of information on homebuilding and engine conversions –information usually only found within the confines of AirVenture at Oshkosh.

Also speaking at forums in the morning will be noted flight surgeon and inventor of the Puma Method of controlling motion sickness, **Dr. Sam Puma**. Dr. Puma has been a regular and popular speaker at the Chapter One open houses. And a special treat will be a forum by **Rob "The Tumbling Bear" Harrison**, who is once again entertaining large crowds with his custom Zlin at airshows, after suffering a

(Continued on Page 5)

Glasairstopic at chapter meeting

Chapter Meeting Sept. 11th at noon



The G-III is one of the very finest of the Hot Homebuilt breed. It's an incredible combination of raw, brute performance and mild, well-developed manners. This airplane has set a standard for utility, performance and out-and-out fun which will be hard for any other design to match.. – Budd Davison writing in Hot Kits and Homebuilts

The Glasair Fly-In will be held Sept 10-13. The Chapter One Membership Meeting will be held on Sept. 11. Our president, Jerry Cortez, came up with the brilliant idea of combining the two—have the Glasair bigwigs do the meeting program and inform our members all about the popular high performance composite homebuilt aircraft, including the incredible "Two Weeks to Taxi" program. Chicken lunch at noon, and the program begins at 1 p.m. See you there!

EAA Chapter One

Officers

President

Jerry Cortez
(951) 485-9125
president@eaach1.org

Vice-President

Jim Pyle
(951) 452-5232 cell
vicepresident@eaach1.org

Treasurer

Nancy Acorn
(951) 788-5694
treasurer@eaach1.org

Secretary

Garbiella Amthor
(760) 669-5234
secretary@eaach1.org

Directors

Dave Cudney
(951) 255-4880
yenduc@sbcglobal.net

Leon Grumling
(951) 582-0978 home
(951) 818-5551 cell
editor@eaach1.org

Ron Headlee
(951) 485-9812
ardee0@hotmail.com

Ray Stits
(951) 682-6236

Walt Wasowski
(909) 829-8029 home
(909) 565-8099 cell
membership@eaach1.org

Tech Counselors

Norm Douthit -- (888) 811-2232
Jim Pyle -- (951) 452-5232

Flight Advisors

Ron Caraway -- (760) 247-6771

Webmaster

Jan Buttermore
webmaster@eaach1.org

WingNut Editor

Leon Grumling
editor@eaach1.org

Young Eagles

Wes Blasjo -- Coordinator

Kathy Rohm -- Reservations
ye@eaach1.org

Ad Rates

Business card size--
\$5.00 per issue

1/8 page, 4"x 2½ --
\$10.00 per issue

1/4 page, 4" x 5"
\$18.00 per issue

½ page, 8" x 5" --
\$26.00 per issue

Plane of the Month:
Glasairs

Calendar



September 2010

3rd – First Friday Flicks
Chapter One Hangar - 5 p.m.

10th - 13th – GlasAir Fly-In
Flabob Airport

11th – Young Eagles
Chapter One Hangar - 8 a.m.

11th – Chapter Meeting
Chapter One Hangar - 1 p.m.

11th – Board Meeting
Chapter One Hangar - 3 p.m.

18th – Design Group Meeting
Chapter One Hangar - 10 a.m.

25th – Chapter One Open House

October 2010

1st -- First Friday Flicks
Chapter One Hangar - 5 p.m.

9h – Young Eagles
Chapter One Hangar - 8 a.m.

9th – Chapter Meeting
Chapter One Hangar - 1 p.m.

9th – Board Meeting
Chapter One Hangar - 3 p.m.

15th-17th – EAA Workshop
Chapter One Hangar

16th– Design Group Meeting
Chapter One Hangar - 10 a.m.

November 2010

5th – First Friday Flicks
Chapter One Hangar - 5 p.m.

6th – Veterans Day Celebration
Flabob Airport

13th – Young Eagles
Chapter One Hangar - 8 a.m.

13th – Chapter Meeting
Chapter One Hangar - 1 p.m.

13th – Board Meeting
Chapter One Hangar - 3 p.m.

21st – Design Group Meeting
Chapter One Hangar - 10 a.m.

Banquet speaker Jay Carter, Jr. to test prototype



Jay Carter, Jr., is an aviation pioneer, dedicating his life to producing a new type of flying vehicle that will revolutionize aviation as we know it. He and his company, Carter Aviation Technologies, are hard at work designing a unique four-place gyrocopter that will have VTOL (vertical take-off and landing) capabilities, yet cruise in Class A airspace at speeds above 500 miles per hour. The prototype of this amazing aircraft is scheduled to be flown on September 13th. Those who attend the Gala Banquet at Chapter One's Open House Fly-In on Sept. 25 will be privileged to hear Carter tell of the development of this revolutionary aircraft.

How do you get a gyrocopter to fly to speeds of 500 mph? In the gyrocopters we're familiar with, the rotor provides the lift. As the speed increases, so does the speed of the rotorblade. The rotating autogyro creates drag, which limits the speed of the gyrocopter. Carter Technologies has been at work developing "slowed rotor/compound" (SR/C) technology, in which the gyro blades can be used to produce vertical take-offs and landing, but lift is provided by relatively small wings. The rotor blade is mechanically slowed to reduce drag, and high speeds become possible.

SR/C aircraft are a hybrid between an airplane and a rotorcraft. A rotor is a very efficient device for providing lift at low speeds, but its drag increases rapidly as the aircraft goes faster if it must continue to support the aircraft. In SR/C aircraft, as the aircraft speeds up and the wings begin producing more of the lift, the rotor produces less lift and can slow down given the correct control input. The reduction of rotor lift and lower rpm significantly decrease the rotor drag (in fact, a three fold reduction in rpm results in approximately a 27 fold reduction in rotational drag- drag required to just spin the rotor). The rotor drag at very low rpms and low lift basically becomes a function of its area (which is relatively small compared to an airplane wing of similar gross weight) and the forward speed of the aircraft.

Wings are very efficient at high speed, but can't provide enough lift as the aircraft slows down. In most aircraft, the wings are sized significantly in cruise flight so that the pilot. Most airplanes also have some such as flaps, which further flight speed of the aircraft, but to the wing. The CarterCopter sized much smaller than a con-size, because the wing only at high speeds.

The combination of the the simple, small wing is what erate so efficiently. Their effi-high speed cruise than those of (airplanes) with a stall speed much more efficient at high al rotorcraft.

Get your banquet tickets 951-683-2309) and be prepared modern day aviation pioneer.



Chapter One's handsome and sophisticated vice president Jim Pyle (l) playing copilot in a CarterCopter mock-up with Jay Carter, Jr. at Oshkosh.

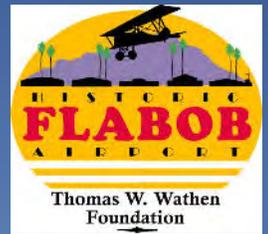
larger than they need to be can fly slower for landing. type of high lift device, decrease the minimum add weight and complexity has a very simple wing, ventional aircraft of similar needs to support the aircraft

slowed, unloaded rotor and allows SR/C aircraft to op- ciency is on par, or better in fixed wing aircraft less than 70 mph, and is speed than any convention-

today (call Kathy Rohm at for a great presentation by a



EAA Chapter One Open House



Saturday, Sept. 25, 2010



at Historic Flabob Airport

Lots of aircraft on display!

Food booths & vendors

Educational Forums

Exhibits/Hay Rides

Our Annual Silent Auction

Wathen Foundation Education Booth

Start your day at our Pancake Breakfast -- 7:00 a.m.

***Celebrating Our Young Eagles!
Over 12,000 flown and counting...***

Gala Banquet Dinner

6:01 p.m.

\$20.00 per ticket

Special Banquet Speaker:

Jay Carter, Jr. of CarterCopters

For tickets:

Call Kathy Rohm

951-683-2309 x104

Open House to feature engine forums

(Continued from Page 1)

severe injuries in a horrifying crash at a Modesto air show in 2008.

The Open House will kick off with a pancake breakfast sponsored by the Flabob DC3 group. There will be food vendors, displays, lots of aircraft, Chapter One merchandise sales, our Silent Auction, and more. Plans are underway to offer rides in a tethered hot air balloon. The Flabob Aero Club will have the club planes on display and will be recruiting new members.

And, of course, the day will conclude with the Gala Banquet, featuring aviation pioneer and gyrocopter expert Jay Carter, Jr. This year you will have your choice of chicken or chicken for the banquet, which begins at our usual starting time of 6:01 p.m. Tickets should be prepurchased to ensure your place, and can be ordered by calling Kathy Rohm at 951-683-2309.

Please consider donating your time to ensure the success of this special day. Help will be needed for Friday night set-up, the day of the event, and Sunday for clean-up. There's always a lot of work to do for an event of this size, and more hands make the load lighter. And, if you have any aviation-related items that you can donate to our Silent Auction, please contact Dick Staley at 951-674-2914 or email him at wd6auy@coastinet.com.

According to President Jerry Cortez, the Open House is our Chapter's main fund-raising event of the year, so let's hope and pray for excellent weather on Saturday, Sept. 25th.

Looking for a place to build your plane?

Orange County EAA Chapter 92 is in the process of opening a Builders Hangar at Chino Airport for the purpose of providing EAA members a place to come together to work on homebuilt aircraft projects with other aircraft builders and restorers. The 8,000 square foot hangar is planned to be divided into 12 spaces measuring 20'x20' (\$75/month range) and 4 spaces measuring 20'x40' (\$150/ month range). These four spaces would allow for larger projects as well as a pro-ected spot for 40-hour first flights out of Chino Airport – one of the few airports in the area avail-able for this purpose. Hangar space rentals are on a month-to-month basis and are open to any builders within the EAA community.

EAA Chapter 92 is currently accepting, on a first-come-first-served basis, reservations for spaces in their Builder's Center. Reservations may be secured with a fully refundable deposit for the space of your choice (\$75 for 20'x20', and \$150 for 40'x20'). Again, these reservations are on a first-come-first-served basis, and they expect to open the Builder's Center in the month of September. All reservations will be date stamped upon receiving.

EAA Chapter 92 recognizes there are other EAA Chapters in Southern California hosting projects and hangars. They encourage you to explore your local Chapter options and see how you can help, as well as what fits your needs. EAA members from any Chapter are welcome to join in the future for any joint projects, rentals, or educational workshops. If interested in details pertaining to rental of hangar space, be it for now or in the future, simply contact EAA Chapter 92 to be put on a con-tact list for in-formation.

FarWest Aviation, LLC

Propeller balancing, Inspections, Repairs,
Pre-buys, Restorations, Sheet metal spe-
cialists, "Dope and Fabric" specialists
-Now Rotax Technicians-

Flabob Airport Hangar 23, Riverside, CA
Jan -951-318-5215 or Roger-909-519-4427

**BUY YOUR
BANQUET
TICKETS NOW!**

**Call Kathy Rohm
(951) 683-2309 ext. 104**

Jay Carter, Jr., speaker

Flabob well represented at AirVenture

By Wes Blasjo

Flabobians come in all varieties. They also come from many places. In addition to getting together for numerous activities at Flabob, they also congregate at places like AirVenture(Oshkosh). This year there was the annual meeting (Poly Fiber seminars and hands-on classes) and a once-in-a-lifetime event like the 75th Anniversary of the DC-3 and the display of the Flabob built French Caudron replica racer.

The following list includes most of the Flabobians who attended AirVenture 2010 and the activities that they were involved in while back there.

- | | | |
|-----------------------|-----------------|--|
| 1. Jerry Barto | Newport Beach | DC-3 display |
| 2. Wes Blasjo | Lake Mathews | DC-3 display |
| 3. Carah Durell | Pedley | Poly Fiber workshops |
| 4. Chris Felton | Riverside | |
| 5. Tiffany Felton | Riverside | |
| 6. Jon Goldenbaum | Warner Springs | DC-3 Pilot, Poly Fiber Seminars |
| 7. Phyllis Goldenbaum | Warner Springs | Poly Fiber workshops |
| 8. Bob Hubbis | San Bernardino | |
| 9. Blake LaMar | Palos Verdes | DC-3 co-pilot/DC-3 display |
| 10. Mark Lightsey | | Caudron pilot and display |
| 11. Sheila Lightsey | | Caudron display |
| 12. John Lyon | Los Angeles | Caudron chase plane |
| 13. Melinda Lyon | Los Angeles | |
| 14. Kevin McKenzie | Temecula | DC-3 co-pilot/DC-3 display |
| 15. Hualdo Mendoza | Riverside | Poly Fiber workshops |
| 16. Nando Mendoza | Riverside | Poly Fiber workshops |
| 17. Pandora Mitchell | Manhattan Beach | DC-3 display |
| 18. Don Neuman | Sun City | DC-3 Crew chief |
| 19. Jim Pyle | Riverside | Getting there and back is most of the fun! |
| 20. Carol Rogers | | Her sighting was reported by one! |
| 21. Darrell Straube | Julian | DC-3 passanger/DC-3 display |
| 22. Pat Straube | Julian | DC-3 passanger/DC-3 display |
| 23. Paul Taylor | Arizona | DC-3 co-pilot/DC-3 display |
| 23. Barnaby Wainfan | | Seminar presentation |
| 24. Mrs. Wainfan | | |
| 25. Julie Wainfan | | Reporter for an aviation magazine |
| 26. Anthony Ward | Riverside | Counselor for youth aviation camps |
| 27. Lynn Zaro | | Poly Fiber workshops |



planemercantile.com

prints collectibles jewelry stationary
99s Jackets music 'bags' books
watches Earhart luggage shadow boxes clocks

Barbara Schultz owner

661 965-2645 schultz@planemercantile.com



lanisavage@gmail.com

(909) 363-5567



62 Young Eagles flown in August

Sunny Southern California skies and 16 great Chapter 1 pilots turned August 14th into a once in a lifetime memory for 62 youth who now call themselves Young Eagles. When all the Young Eagles were flown, several pilots took Young Eagle Escorts up for some air time. Flying was finished with ample time for the pilots to have lunch at the Chapter 1 clubhouse before the 1 o'clock meeting.

Thanks to all the pilots and the ground support people who do all the behind-the-scenes work that makes each Young Eagle Flight Rally run so smoothly. **- Wes Blasjo, Young Eagles Coordinator**

Pilots Who Flew:

Allyn Auck	Cessna 172	James Hayes	American AA5-A
Greg Cechini	RV	Tom Jones	Piper PA 18
David Cheney	Cessna 180	Kevin McKenzie	Marquart Charger
Larry Conley	Ercoupe	James Meeker	Taylorcraft BC 12D
Jerry Cortez	RV	Conrad Nordquist	Cessna 152
Irvin Craig	Cessna 182	Gerald Perry	Citabria
Dave Cudney	Cherokee 180	Allen Teets	Cessna 172
Barry Duble	Cherokee 235	Walter Wasowski	Cessna 172

Pilots eager for chance to fly in to Edwards AFB

Because of a tremendous response from the pilot community, applications to participate in the first-ever general aviation fly-in at Edwards Air Force Base's historic Rosamond Dry Lakebed in California ended on August 26. local time, according to the base community relations department. In just over a week's time, more than 2,000 private pilots applied to be among the 100 lucky ones allowed to fly into the

secure area and land where many of aviation's epic breakthroughs have occurred.

"The response has been overwhelming," said Edwards' Deputy Chief of Community Relations. Pilots will be notified by September 16 if they're among those selected.

Bern Heimos and his Cub are off on another flying adventure

Bern Heimos, Chapter One member and aviation speaker, is off on another fly-about. This one he calls the "Hudson River Adventure," and it has taken him and his trusty Piper Cub all the way to the Big Apple, where he flew up the Hudson River and took some great air photos of the Statue of Liberty. He then headed west to attend the Antique Airplane Association Fly-In at Blakesburg, Iowa. Today, he's spending time with relatives in Illinois.

You can follow Bern, and see the fantastic pictures he takes along the way, at his website www.vintageflying.com. The photography is beautiful and Bern's trip log is interesting and humorous reading. We hope he makes it back in time for the Open House.

You can also see photos and logs for his past two air adventures, 2009's "Southern Hospitality Adventure," and 2008's "Heartland Adventure."

We're Still Around!

Plans by:

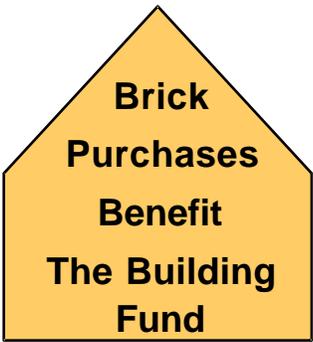
Paul Poberezny
 * Acro Sport I
 * Acro Sport II
 * Pober Pixie
 * Pober Jr. Ace
 * Pober Super Ace

Robert Nesmith
 * Cougar I with EAVES FOLD WING

Acro Sport, Inc.
 Le-Fonda Jean Kinnaman, President
 P. O. Box 462
 Hales Corners, WI 53130
 (414) 529-2609

EAA Chapter One

Membership Meeting



Good ol' fried chicken to be provided. Please bring salads and/or desserts! Thanks!

September 11th, 2010
at noon

Join us at the Chapter One Hangar for a day of fellowship & fun!!

SEE YOU THERE!

Flabob Airport (RIR)
4130 Mennes
Riverside (Rubidoux), CA

FOR MORE INFORMATION CALL:
(951) 682-6236

Check our website at www.eeach1.org



EAA Chapter One
Flabob Airport
P. O. Box 3667
Riverside, CA 92519
We Make Flying FUN!!

