

Hangar Flyer

On the Web at <http://www.eaa92.org> EAA Chapter 92

March 2008

Volume 6, Issue 3

Meet at the Irvine Ranch Water District Meeting Room TUESDAY March 4TH

Another month has passed. A new general meeting is scheduled at the Irvine Water District Meeting Room this Tuesday. Larry Severson has graciously decided to reveal techniques for composite construction for light aircraft. He may even show what he is planning to build as his next project. This will be an excellent presentation with sample available to view.

Time permitting we will show another episode of the cable show "From the Ground Up." This program detail the process of building you own airplane with an emphasis on Van's RV series of aircraft.

We look forward to seeing you all there!



At The March 4th Meeting

Larry Severson presents Light Aircraft Construction with Vacuum Infusion and the Second installment of "From The Ground Up."

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CHICKEN WINGS®

BY MICHAEL AND STEFAN STRASSER



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President's Message

We had a great turnout at our new meeting location at the Irvine Ranch Water District HQ building on Sand Canyon and Water Works road (near Irvine Center Drive). The venue is upscale with plenty of room. We had close to forty attendees. The board and I are very pleased with the turnout. I receive numerous comments about the location and the presentation. We do want more hands programs on and interaction concerning our building projects. Kudos to Jay Steffenhagen, Bill Moyle and Dave Prizio for their contributions to the presentations.

With March rolling in, we are working our way toward longer days, warmer weather and some wind, but that is not stopping Roland Koluvek from turning a wrench or two as a Technical Counselor or by joining Bob Dougherty in getting current again in tail draggers – C170 Style. I enjoyed my time with them during our last outing and look forward to working with more of you as you get your projects ready to fly. I just love it when they let me do “wheelie” landings in that airplane!

Activity at Chino airport is kicking up too. Brett Godown, the interim airport manager, is working with us to develop a video about CNO and the Young Eagle program. I am working closely with Brett and hope that we can put more energy into EAA based programs at CNO. If I sweet-talk Rich Newell, I hope he publishes my letter to the airport regarding the EAA and our benefit to the local community. We voted to add Brett Godown as a Chapter 92 member, to keep him up to speed on our programs.

I also wrote a letter to the CNO airport management expressing our desire to have a permanent base operations area. I requested 3,000 square feet of hangar or shop space with taxiway access. We'll see how receptive the airport is to our request. Brett indicated in our last meeting the CNO airport will be making a big announcement during the Planes of Fame Air Show. We hope that EAA 92 has the ability to expand its role in molding general aviation at CNO and our sister airports

Continued on page 3

President's Message *Continued*

at AJO and SNA.

Stimulating simulating...

I'll give you a quick update on my experiences with Microsoft Flight Simulator X (FSX) and RealAir's SF-260. I have logged about 15 hours with the sim program practicing instrument procedures and some aerobatics. The work paid off during my recent IPC with Jay Steffenhagen.

The Falco just grooved through the flight from CNO – V186 – V27 – KWANG – Direct – SBA. The return trip back was SBA via Direct - CMA – VNY – V186 –PDZ for holds and a procedure turn out of PDZ at CAZBY for the ILS RWY 26R at CNO. . Our cruise airspeed was 165 KTAS. Not only was my sweat factor low, I was able to save about \$150 in fuel, not to mention the instructor time by being sharp on the gauges. Spend some time working with an equivalent airplane to what you are building. The Falco F.8L has the same characteristics as the SIAI Marchetti SF-260 with 80 -100 less HP. I just pull back on the power to get equivalent climb and cruise settings. You will find that time spent learning about flying with this training tool will payback handsome dividends.

Let's grow the organization...

We are also on a recruiting campaign to bring in more members to the Chapter. All of us know general EAA members in the local area that are not affiliated with any Chapter. We have an entire group of RV flyers that are operating under our own base ops----so please invite them to our next meeting, Many of them live within 10 miles of our general meeting location. We have a fantastic presentation planned on vacuum injection techniques by Larry Severson for March, so make it a date to bring an EAA friend to join the fun.

Planes of Fame Air Show...

We started the planning process for the POF air show, which is our largest fund raiser of the year. Please mark your calendars for May and plan on joining us for the celebration. This is a

President's Message *Continued*

great opportunity to clean out all of your old Sport Aviation magazines. The freebie give away we had with cleaning out base ops actually helped to bring in more \$\$\$\$ on the brat and sauerkraut sales. We are accepting all donations on your old magazines, so take a couple of moments to save the ones you truly must have and set a stack aside for us to give to the kids.

Young Eagles...

Our next Young Eagles event in April 12. We need pilots and ground volunteers. Mark your calendars. This is a big event for the kids and us.

Keep 'em flying

Ray Hecker

President and Flight Advisor

CFII, MEI, AGI & IGI

FAA Safety Team Representative – Aviation Safety Counselor

My Letter About EAA 92's benefit to Local Community

Dear Brett,

Thank you for your call earlier today. We at EAA Chapter 92 look forward to assisting you and your leadership team develop the airport, and in particular, the general aviation industry associated with KCNO and the County of San Bernardino.

I have attached a link to the EAA 2006 annual report:

http://www.eaa.org/about/annual_report_2006.pdf.

This report includes content you can use in your promotion of the Chino Airport to the community. You will find the mission statement summarized, which includes foundation elements of our global and local organization:

- **Empowerment**
- **Community Involvement and Action**
- **Camaraderie**
- **Educational Outreach**
- **Stewardship**
- **History and Preservation**
- **Innovation**
- **Advocacy**
- **Scholarships**
- **Internships**

Continued on page 6

President's Message *Continued*

In addition to our local EAA mission above and as we briefly discussed, we (EAA Chapter 92) have five (5) Young Eagles (YE) events scheduled for 2008 at KCNO. Please see <http://ye.pacstates.com> for our 2008 YE schedule.

We have successfully completed our January 19th YE event, which was also a Boy Scouts of America Aviation Merit Badge program. We flew approximately 60 candidates, which consisted mostly of Boy Scouts who obtained their aviation merit badges. Our next scheduled YE event is April 12, 2008. Our Chapter 92 YE events are hosted at the Planes of Fame Museum, in which the flight candidates and their parents/guardians partake of the aviation history and artifacts of the museum.

Additionally, a number of our Chapter 92 members also support the aircraft preservation activities conducted at the Yanks Museum at the airport. The main driving effort assisting the Yanks Museum is the EAA Warbirds Division and in particular, Warbirds Squadron 16 headed by Enrico Bottieri, who is also a Chapter 92 member.

An area in the annual report that should be of particular interest to you and your planning team is the section on the Regional (annual) Fly-In events. Chino is a natural gathering point for such an event, as it ties in nicely with the aviation experience and legacy of Southern California. Our sister and we at EAA Chapter 92 chapter – Warbirds Squadron 16, look forward to working with the County to develop the airport and its continuing positive impact to the local community and the economy.

The Planes of Fame Museum Air Show is a tremendous draw for the community and the airport. Likewise, an EAA Regional Event at Chino could have as positively similar if not greater impact to the revenue generation of the airport and the community.

Best regards,

Ray Hecker

The Furio *from Falcomposite.com*



The Furio is a state-of-the-art, high-performance aircraft that enables a new generation of pilots to experience the satisfaction of building and flying their own aircraft.

Innovative developments in composite technology have enabled the development of an airframe comprised of fewer than 30 structural components. Assembly is simpler and considerably faster than for currently available kit aircraft, and no specialist knowledge or tools are necessary.

The Furio has the speed, power and feel of a fighter plane and yet has light and beautifully harmonized controls that makes it effortless to fly. The Furio has styling that is classically Italian, supreme comfort for long-duration flights and 360-degree visibility offering outstanding views.

The Furio will set the benchmark in high-performance kit aircraft. It is scheduled for completion in September 2007, with production kits being available from early 2008.

[Continued on page 7](#)

The Furio *Continued*



Falcomposite LN27 FURIO-RG

Furio Pricelist:

Basic kit: NZ\$ 150,000.00 + tax and delivery charges*
(includes all parts except for what is listed in the "completion kit"):

Completion Kit: NZ\$ 19,500.00 + tax and delivery charges*

- Engine mount
- Wheels and brakes and brake cylinders
- Complete Fuel system (Bladders, hardware, caps etc)
- Basic electrical loom (excludes instrument wiring)

NZ\$ 150,000.00 + GST (Basic Kit)*

US\$ 119,978.00 + GST (Basic Kit)*

** (Engine, Propeller, Instruments upholstery and paint are not included in any of the packages)*

(Engine, propeller and completed instrument panel can be purchased through us at very competitive prices. Please enquire).

[Additional Photo & Story on Page 10](#)

General Minutes *February 5, 2007*

President Ray Hecker called the general meeting to order at 7:00 PM in a conference room of Irvine Ranch Water District, located at 15600 Sand Canyon Blvd., Irvine, Calif. Following the Pledge of Allegiance, new members, members, & guests were asked to introduce themselves; and, to briefly discuss their interests & projects.

At 7:30 PM, Jay Steffenhagen, vice-president, presented a video about RV kit plane fast build. This was the first in a series of build methods that will be a part of the upcoming meetings.

Next, Dave Prizio presented photos & gave details of the construction of the plans build Legend Cub that he and Ed Zaleski built.

There followed question & discussion about construction and licensing methods.

At 8:30 PM, the discussion was concluded and a ten minute break followed.

After the break at 8:40 PM, Ray Hecker, presented “Surrogate of Flight Training with Microsoft FSX” as a method for remaining current & furthering flight safety. Several aircraft flight simulator program packages were discussed in the question and answer part of this presentation.

Old Business

It was announced that Irvine Ranch Water District has a conflict of meeting location and time with our scheduled dates for the months of May & June. Therefore, we will meet at a different location for those two months.

The meeting concluded at 9:05 PM.

Respectfully submitted,

Bob Dougherty, Secretary

The Furio *Continued*



The test flying program is complete and we are very happy to say that the results have exceeded all expectations!

It is a delight to fly. It is a delight to aerobat. It is FAST (considering that we only have an IO-360 180HP engine and no gear doors -yet-): TAS of 174 kts @ 75% power @ 4,000 ft.

It is VERY roomy: our test pilot, Mr. Roger Shepherd is 6'4" and he can fit comfortably sitting on his parachute and wearing his helmet and there is room left above his head!!!

Board Minutes *Feb. 13, 2008*

The meeting was called to order by Jay Steffenhagen, vice president, at 8:00PM. In attendance were: Bill Moyle, Richard Newell, Richard Wigfield, Roland Koluvek, Cliff Carpenter, George Martin, Terry Dowell, Bob Dougherty, and Greg Fisher. It was noted that since both Ray Hecker and Jay Steffenhagen would be out of town at the upcoming general membership meeting for Tuesday, March 4th; Bob Dougherty would chair that meeting.

Board Minutes *Continued*

Old Business

The March Chapter general meeting presentation will be “Advanced Composite Techniques,” vacuum forming parts for light aircraft, by Larry Severson. The April presentation will continue the “From the Ground Up” series by Jay Steffenhagen.

Plans for the May presentation were outlined & discussed. The presentation will be given by Bill Moyle at the Flight Safety facility, Long Beach Airport; and, will include a tour and Cessna Citation simulator familiarization.

The April Young Eagles event is on schedule and volunteers are encouraged to sign up on line.

Chapter 92 business cards were delayed pending the decision on meeting times & location but are now ready for printing. Nametags are pending final decision.

New Business

Planes of Fame Air show event preliminary planning began. Jerry Wilkins of Planes of Fame has confirmed our assignments for the event.

It was confirmed that our chapter will sponsor two candidates to the EAA Air Academy.

Because of the scheduled Chapter 92 August meeting and Air Venture event dates, there is a possibility of a time and attendance conflict. Canceling our Chapter meeting was discussed. No changes were proposed for the meeting.

Treasurer’s Report

The financial report was given by Roland Koluvek, Treasurer, and is as follows:

Chapter Account:	\$12164.43 (includes a \$5000 C.D.)
Young Eagles Account:	\$ 7989.72 (includes a \$5000 C.D.)
Total:	\$20154.15

The meeting adjourned at 8 PM.

Respectfully submitted,

Bob Dougherty, Secretary



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Santa Ana, CA 92735-8211

To subscribe or unsubscribe yourself,
send email to majordomo@eaa92.org
with the following in the BODY of
your email message:

subscribe members

or

unsubscribe members

General Membership Meeting

Tuesday March 4, 2007 - 6:30 pm

**Irvine Ranch Water District
15600 Sand Canyon Ave.
Irvine CA 92618**

From the 405 Fwy, exit Sand Canyon, turn Northerly, turn right on Waterworks, then turn left into the parking lot.

From the 5 Fwy, exit Sand Canyon, head Southerly, turn left on Waterworks, then turn left into parking lot.

