



NORTHERN YOSEMITE EAA CHAPTER 1337

Volume 2, Issue 7

July 2003

From The Left Seat

Chapter 1337 President's Message: By Alan Wallace

It looks like we have gone directly from winter to summer and just in time for all the Fly-Ins. I saw many of you at the Watsonville Fly-In last weekend. I'm sure you had as much fun as we did. I was able to see the Bearhawk Experimental Airplane that Pat Fagan built and was very impressed with it. He has done a great job building this Airplane.

Young Eagles Coordinator: I am very pleased to name Elwin Smith is our new Young Eagles Coordinator. Elwin has always had a strong interest in the Young Eagles Program and is excited about working with the Youth in our area.

Open House/Membership Drive Barbeque: Over 40 people joined us for some great food and shared the afternoon talking about aviation and looking at the RV-6's that Hugh, Kay Smith and Ken Stark flew in for the barbeque. We had several new members join our Chapter at the barbecue and we also voted on our Chapter Logo Contest (read the separate article). At the same time we were having our barbecue, there was a Luscombe Fly-in at the campground. What a picture perfect afternoon it was.

Next Board Meeting: We will be holding our monthly board Meeting on **Saturday June 7th at 2:00 PM**, (after the Father's Day Fly-In workday BBQ) at the Wallace Hangar. All Chapter members are welcome to attend the board meetings, which are used to conduct the planning and business aspects of our Chapter. As yet, we have not established a regular schedule for the board meetings, so keep your eye out in this newsletter for each months Board meeting time and location.

Father's Day Fly-In: For those helping out with the Father's Day Fly-In our next planning meeting will be **Thursday June 5th at 5:30 PM**, (at the Wallace Hangar). Additionally, we have scheduled a workday on **Saturday June 7th at 9:00 AM** to do some advance preparation for the Fly-In. Our workday will end with a barbeque around noon. On **Thursday, June 12th at 9:00 AM** we will begin

setting up for the Fly-In and at 5:30 PM we will hold our final planning meeting. We are still looking for volunteers to help put our Chapter 1337 booth together and to staff the booth Saturday and Sunday June 14th & 15th at the Fly-In. Please contact Cindy Wallace 586-5806 to volunteer to help with the booth.

Golden West EAA Regional Fly-In, Yuba County Airport June 20-23: Many of us are planning to attend this Fly-In and I would like to see us go as a Chapter. This is the biggest EAA event on the West Coast and includes displays, forums, an airshow and aircraft judging. Let me know if you plan to go and if you plan to camp out so we can let the organizers know how many campsites we need.

Sincerely,
Alan Wallace

Next Chapter Meeting

Our next chapter meeting will be a Young Eagles Rally at Pine Mountain Lake Airport on July 19th beginning at 8:00 AM. We will meet outside the pilots lounge at the public ramp where we will have a shade tent and tables set up. Volunteers are needed to help fill out the Young Eagles paperwork and to get the kids in and out of the airplanes.

We also need to get the word out about our Young Eagles Rally to the kids in the Groveland area. If you know of kids that might be interested learning more about aviation and taking a ride in an airplane, let them know to show up at the Pine Mountain Lake Airport on July 19th.

Young Eagles

Chapter 1337 Young Eagles Coordinator: Elwin Smith

The mission of the EAA Aviation Foundation's Young Eagles Program is to provide a motivational aviation experience for young people between the ages of 8 and 17. This focuses on giving each young person a free demonstration flight in an airplane.

Our Chapters' next Young Eagles Flight Rally will be taking place on July 19th at 9:00 AM at Pine Mountain Lake Airport.

I would also like to encourage you Young Eagles to continue to be involved in various flying activities through active participation in this local EAA Chapter.

What suggestions do you have for ongoing programs for Young Eagles to participate in? Some thoughts I have are building control-line or RC airplane models, visiting aviation-related museums, attend local fly-ins etc.

So come and join the Young Eagles Program of the Northern Yosemite EAA Chapter 1337 and please don't hesitate to contact me at any time. I would love to chat with you and listen to your ideas as we share the thrill and excitement of the world of aviation!

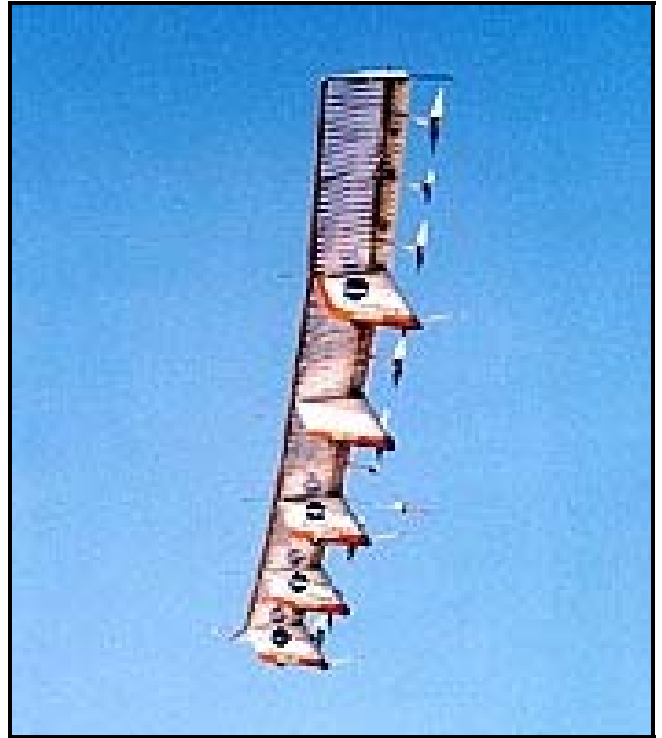
Aviation News Briefs

Solar Power Takes Plane to 96,000 Feet

Avweb, June 5, 2003

Helios, an unmanned solar-powered flying wing created by Aero Vironment, is now being prepared for another NASA-sponsored major milestone -- the world's first multi-day fuel-cell-powered flight in the stratosphere. The aircraft in 2001 shattered the world altitude record for non-rocket-powered aircraft by flying to 96,863 feet, powered solely by silicon solar cells mounted on its wing. A 12-hour test flight that will take place this month sets the stage for the multi-day flight test, planned for Hawaii in July. "The Helios prototype has proven its capabilities to conquer the day on solar power," said John Del Frate, Helios project manager at NASA's Dryden Flight Research Center. "Now to fulfill the long-term vision for it to fly routinely for extreme duration, the next challenge is to conquer the night. The key to that is development of the fuel-cell system. It's the necessary next step to extreme endurance." This year's mission for Helios will be powered with high-efficiency solar arrays by day and a newly developed fuel-cell-based electrical energy system at night. Developed by Helios' manufacturer, Aero Vironment, of Monrovia, Calif., the system combines advanced automotive fuel-cell components with proprietary control technology designed for the harsh environment above 50,000 feet. The Aero Vironment system consumes no

fossil fuels, emits no atmospheric pollutants, and has a power-to-weight ratio about twice that of the best battery systems.



RUTAN BEGINS SPACECRAFT TEST FLIGHTS

AVweb, June 2, 2003

Burt Rutan and his Scaled Composites crew appear to be making a good run in the race for the first civilian spacecraft and the much-hyped X PRIZE. According to the X PRIZE Web site, Rutan has conducted captured carry flights of his SpaceShipOne sub-orbiter on the launch aircraft, called White Knight One. Next up on the schedule are drop and glide tests followed by powered tests. On June 7, Rutan is expected to roll out the X PRIZE entry for a gathering of canard aircraft owners at his birthday bash in Mojave, Calif. (bring sunscreen). Rutan may be the one to beat, but he has plenty of competition.

Golden West Fly-In

The EAA's Golden West Fly-In was held on June 20 through 23 and was attended by several of our members; Guy & Nancy Russell who flew their Cessna 310, Alan Wallace and Young Eagle Jordan Matter who flew Alan's Cessna 205, Shane Wallace who flew his Cessna 150, and Jim Thomas and Patty Haley who flew Jim's Piper PA-12. Golden West was a great success and everyone had a great time, especially Alan who had his Cessna 206 judged in the Contemporary Class and took home the runner up award. Congratulations Alan.

There were 3 hangars full of vendors, many forums, and separate ultra light airfield with displays which made for a fun and interesting event.

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New Members

Welcome to Chapter 1337. It is great to have more active pilots and airplane builders in our group. One of our Chapter goals is to promote safe aircraft building and we hope all our members share their knowledge and experiences so others can benefit.

Aviation News Briefs

Active Aeroelastic Wing

AVweb, May 8, 2003

The Wright brothers may have pioneered the wing-warping concept 100 years ago, but chances are they never broke the sound barrier while testing it out. A NASA test pilot flying a modified F/A-18A Hornet with flexible wings did just that, though, over the California desert north of Edwards Air Force Base last month. NASA's Active Aeroelastic Wing (AAW) program is exploring the use of twisting flexible wings for primary maneuvering roll control at transonic and supersonic speeds. Although similar in concept to the Wrights' "wing warping" control system, AAW employs conventional control surfaces such as ailerons and leading-edge flaps to aerodynamically induce the twist, rather than mechanically twisting the wingtips as on the Wright Flyer. The research data will help develop structural modeling techniques and tools to help design lighter, more flexible high-aspect-ratio wings for future high-performance aircraft, NASA said. The second phase of AAW flight tests should get underway in early 2004. Meanwhile, the AAW research aircraft will be flown to the Midwest for display at several air shows during the summer in connection with Centennial of Flight activities. Look for it at the Dayton International Air Show at Dayton, Ohio, July 17-20; The Grissom Air Force Base air show at Kokomo, Ind., July 26-27; and EAA AirVenture 2003 at Oshkosh, Wis., July 29-Aug. 4.

Rolling Out The Red ... Tape...

Avweb, May 12, 2003

Further proof that Light Sport/Sport Pilot, which will create a new category of lower-performance aircraft and a new certificate for pilots with lower training and medical requirements, may not be but a dream: The FAA has begun creating the bureaucracy to administer it. The agency announced recently that it is establishing the Light-Sport Aircraft (LSA) Operations Program Office. It will be a branch within the Regulatory Support Division, based in Oklahoma City, Okla. "We have ... approval to start setting up this operation and we are looking at the best ways of doing that," Joseph Tintara, manager of the Regulatory Support Division Aeronautical Center, told EAA. "We

intend to meet with the industry people and their FAA counterparts to make sure it's successful." Presumably that's going to be done soon and the FAA has a plan for that, too. The FAA is sticking with its latest agenda to announce the final rulemaking for the new category of aircraft and certificates at EAA AirVenture Oshkosh 2003, which starts July 29. That gives Tintara and his crew just three months to hire (or transfer) the staff, move the furniture and hook up the phones, not to mention come up with policies and procedures that will dictate a whole new way of doing business. Perhaps they'll have more time. Tintara claims to have his eye on the ball, however. "A lot of this right now is getting ourselves prepared with the intent that the rule will be put out sometime in July," he said. "We want to be prepared when the rule rolls out."

Fun Flying

Aviation Truisms

- Never trade luck for skill.
 - Weather forecasts are horoscopes with numbers.
 - Airspeed, altitude or brains. Two are always needed to successfully complete the flight.
 - Mankind has a perfect record in aviation; we never left one up there!
 - The Piper Cub is the safest airplane in the world; it can just barely kill you.
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Historian Looking for Edwards and Norton AFB Workers

I am an EAA member, and aviation historian. I was wondering if you could help me. I just wanted to find out if any of your chapter members were stationed at Edwards AFB or Norton AFB between 1965 and 1988. Any information that you could provide, would be of great help.

Thank you.

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Get Your Pictures Published

Please send in your airplane pictures for publication in our newsletter. They do not have to be pictures taken during Chapter activities, however, they should be aviation related. Pictures of your airplane project, your visit to a fly-in, or a unique plane you saw at an airport are all welcome. Pictures should be in JPEG format and emailed to the newsletter editor. The editor will crop and format the pictures as necessary to fit them into the newsletter.

Fly Mart

Want Ads in our newsletter are for aviation related items and are free to all our Chapter members. Commercial Ads must be in business card format and cost \$25 for 6 months and \$50 for one year. Contact Jim Thomas to place an ad at mypa12@yahoo.com or 962-0910.

FOR SALE: 24 volt 100 amp alternator for Continental IO-550, 24 volt Weldon boost pump, propeller for Questair Venture. Jim Thomas 962-0910

FOR SALE: '59 Cessna 150 project. Flap gap seals, new upholstery, and partial new paint. Lycoming O-320-E2A, 160 hp, 3100 hrs on first run, good condition, compression in the 70's, all accessories. \$6,000 for the plane, \$5,500 for the engine. Rich McGlashan 962-7928.

FOR SALE: King KX170B Radio, (14volt) working great when removed from my 1977 Cherokee 140 two years ago. \$500 Firm 209 586-5860 Alan Wallace

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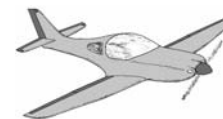
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Fly-In Schedule

- July 4 Grass Valley Air Show
- July 19 Colusa County Airport Old Time Fly-in
- July 29-Aug 4 EAA AirVenture**
- Aug 23 Lake Tahoe Air Fest
- Aug 22-24 Camarillo Airport Annual Fly-In and Airshow
- Sept 11-14 Reno National Championship Air Races
- Sept. 26-27 West Coast Seaplane Splash-In, Lakeport on Clear Lake



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Vacant

Chapter Meeting Schedule

Jul 19	8:00 am	Young Eagles Rides, Pine Mt. Lake Airport
Aug 16	10:00 am	Builder's Workshop. Jim Thomas's Hangar, Pine Mt. Lake
Aug 23	8:00 am	Pancake Breakfast, TCAA Clubhouse, Columbia, Apt.
Sept 20	10:00 am	Chapter Fly-out, TBA
Oct 11	8:00 am	Pancake Breakfast, TCAA Clubhouse, Columbia Apt.
Nov 8	10:00 am	Young Eagle's Rides, Columbia Apt.
Dec 13		Chapter Christmas Party, TBA

TBA = To Be Announced

Our Chapter Activities Schedule is now available on the world wide web courtesy of Kirk Wallace at <http://www.wallacecompany.com/Q68/index.html>

2003 Annual Chapter Dues

2003 dues are \$20 for an individual membership and \$25 for a family membership. Make checks payable to EAA Chapter 1337 and mail to: EAA Chapter 1337, 22180 Knox Rd. Twain Harte, Ca 95383.

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