

Spirit of Flight

Experimental Aircraft Association
Chapter 14, San Diego CA

July 2005



INSIDE THIS ISSUE

- 2 President's Message
- 2 July Program
- 2 Flying Report
- 4 Reach for Tomorrow
- 5 Nieuport Report
- 8 Unclassified Ads
- 9 Calendar of Events

Reach for Tomorrow - July 9,
Young Eagle pilots and
ground crew needed!

August 14 Hangar Party
(Sunday afternoon)

August 20 RV Fly-in

September 17 Antique Fly-in

Cover: David Kolstad preparing to leave the EZ Fly-in. The under wing pods are for baggage. David says diaper bags are just the right size for luggage.

President's Message

Larry Rothrock

The Canard Fly-in was terrific. There were a dozen or so canard aircraft and another dozen Canadians (like me) who attended, but didn't bring their planes. Trio Avionics provided the great program. They loaded all their demo stuff into a couple of LongEzes and made a first class presentation of their auto pilot system specifically designed for experimentals. This is a really neat and very affordable system that really works. It can hold a course (not heading, actual course) to within about 60 feet; and do it for hours. Many of the fly-in planes have the system installed and they are pleased as a puppy with two tails.

Dan Patch and George Conway organized the thing and Harry Abbott and Dan set up a weight and balance production line for every body who wanted to check their planes. It was a great day made even better by the visit of former Chapter President Sam McCutcheon whom we haven't seen for a year or two and by the visit of former Chapter President Wheeler North whom we haven't seen for a year or two either.

Now, get ready for the next Type Fly-in at ole EAA-14. On August 20 Brown Field will be hoppin' with RV's. All RV's are invited for a free breakfast and Dennis Cullum and George Conway have some more ideas, too. See the article elsewhere in this issue.

The next BIG EVENT is the Reach for Tomorrow kids. This charitable organization is bringing us about 90 kids from several Indian Reservations across the country for Young Eagles flights. The big day is Saturday, July 9 and is our regular monthly Young Eagles Day. Dayton Smith needs help! Chris Alan is recruiting and organizing

pilots.. we need about 15 or more. Volunteer to fly some kids! If you can't fly kids, help out with the ground organizing. Need ground coordinators, airplane loaders, certificate makers, cooks. Help! It'll be fun.

More Fun! There will be a Hangar Party at ole EAA-14 on Sunday, August 14. See the article in this issue. This is a great time to have a mid-summer social time to bring the family, neighborhood kids and in-laws. Relax and enjoy the summer evening around some wonderful airplanes. Let's make it a really good time.

July 16 Program: What's in a Tech Inspection?

On July 16, our own Chapter 14 Tech Counselors will perform a sample tech inspection on Gene Hubbard's Pietenpol. The purpose of EAA's Tech Counselors is to provide feedback and catch problems at key points during construction. Gene Gaidousek, LaVerne Edwards and Lloyd Gray will talk through the process and share their experience as they inspect the Pietenpol structure and systems prior to covering. Join us for this lively program.

The Flying Report

By Bob Osborn

June 4 - June and along with it the expected, June Gloom. Low cloud and drizzle along the coast with sunny afternoons and IFR prevailing at Brown Field until 9 or 10 o'clock. The effect is quite a damper on the fly in traffic for the Saturday fly in luncheon at EAA Chapter 14. Still Joe Pribilo in his Beechcraft Bonanza braved the murk and was first to arrive for the sloppy Joe's, salad, nachos, fruit, and ice-cream provided by Bob Osborn and served up by Galen Shirley to some 25 faithful aviators.

Maintenance was the order of the day. If you can't fly, maintain. Pete retrieved his Grumman Traveler after a visit to Bill Cardwell's Advanced Aircraft Electronics

hospital at Gillespie when the transponder stuck on 22,000 feet and grumblings from the air traffic control centers occurred. George Conway was deep into the brakes along with several others, of the "club" Cessna 140. Dennis Cullum solved the leaking carburetor with a new float valve seat. Gene Hubbard has his Piper Tripacer in the "new" hanger for a possible recover job (as if he didn't have enough projects to occupy his time). Galen Shirley has ran out of things to do on his Starling and has purchased Gene Whigham's motorglider to add to his fleet. Guess he is trying to catch up with Ryan, Dennis, Jim, Gene, Richard, all those pilots who believe one airplane is not enough.

June 11 - Twelve Young Eagles were flown Saturday at EAA Chapter 14, Brown Field, by Young Eagle Pilots Joe Andrade, Armond Brattland, Dennis Cullum, and Peter Grootendorst. The weather was not very cooperative and we expected many more Young Eagles but apparently the June gloom spooked them. Joe Andrade had brought his Cessna 172 over from Montgomery Field the day before to be ready for the onslaught and expectant early morning weather restrictions out of Montgomery. Ashley Palmer arrived in her Beech Musketeer on an IFR flight having just completed the FAA flight check and received the endorsement. Every one else waited for the field to reach VFR minimums before launching.

Chefs Gene & Roberta Gaidousek prepared for the occasion with huge pans of "Jamican Jerk" Pork Loin, Rice Pilaf, green beans, garden salad, and rolls. A crock pot of hot cheese sauce and chips (nachos) sated the appetites of hungry Young Eagles until they could collect their free lunch at 1130 hours. Young Eagles and those in uniform (Boy Scout) ate free. Gene and Earl (Urho Makela) served the lunch to some 45 to 50 diners. Earl has just returned from an Alaskan cruise and a week or more of fine eating and so could be depended on to add the touch of the

expert to our chow line. Jim Chapman is back from a tour around the country in his Cessna Cardinal. We want a show and tell Jim like your Australian tour.

June 18 - Summer arrived, the June gloom fled leaving behind perfect weather this weekend for the Canard Fly-in, EAA Chapter 14's monthly members meeting, and Ty Tyvoll and Rodger Magee's pancake, eggs & sausage breakfast. It was a "Bonanza" of a day with many participants, a "homecoming" event. Former president Sam McCutcheon came from Paris, AR. Former president Wheeler North arrived in his RV-6. Bill and Juliana Lerner flew in from Phoenix, AZ in VariEze N8MR, the airplane Marsh Randall built some 25 years ago. A dozen canard type aircraft were flown in and many pilots took advantage of the free breakfast, weight and balance program set up in hanger three by Dan Patch where scales and a computer program with printout for their aircraft, and stayed for the monthly meeting and program by Trio Avionics, an autopilot builder for Eze aircraft.

President Larry Rothrock opened the monthly meeting with announcements, a call for pilots to fly Young Eagles and sign up sheet for assistance, for the 9th of July when 90 Young Eagles in the "Reach for Tomorrow" program from an Indian reservation are expected. The progress of our airport lease was discussed. Lista announced three Technical Counselors for the Chapter had been appointed, LaVerne Edwards, Gene Hubbard, and Gene Gaidousek. Gene Hubbard announced 225 paid up members for the Chapter for 2005. Chuck Bush, president of Trio Avionics of Gillispie Field, El Cajon, CA was introduced and gave an excellent video and equipment presentation of the autopilot system developed for Eze aircraft. The system is also used in RV aircraft and consists of a computer, solid state gyro, servo, LCD or VFD display, with GPS inputs to perform its magic. Chapter members who fly with it speak highly



Three new Young Eagles return from a ride in Armond Brattland's Maule.

of it. Cost is in the \$1750 range.

Chris Puntis manned the ovens and demonstrated his baking skills for lunch with Chicken Marsala, peas & carrots, rolls, and bananas. Served over 50 lunches and we ate it all. Delicious Chris. During the previous week we were happy to see Ken Wallace, builder and owner of the Longeze aircraft tied down on the East line show up. He installed a fresh battery and hit the starter and it started right up, the first time in about two years. Amazed us all, especially the birds that had built nests in it and were blown away. Also Donna Ryan came down Friday and commenced painting the new hanger, finished the doors. Lots of skills in that Ryan family.

June 25 - The weather was right. The days are long. The coffee, doughnuts, and lunch were in place. So where were all the airplanes? Only the jet traffic continued unabated. No doubt the cost of aviation gasoline at \$3.25 a gallon is restricting some flying. On board pilots are fighting radio problems (Jack - RV6, Dennis - RV3, Chris - Sonex transponder). Steve Maher apparently has sold his Geo powered Kitfox and it was missing from the line. Bill Moore is installing a new prop on the Mini Max he bought from Ed Fitzgibbons. Ramona airport was holding an

air fair and open house. All factors contributing to the reduction in flying. The intrepid Ryan rolled out the Starling he and Gayln have refurbished and made several low test flights. Jim Chapman flew in from Borrego in his Kitfox for a cool lunch (It's been 110 degrees in Borrego recently). Pete Grootendorst gave his granddaughter a ride in the Traveler. And a few Cessna's and Pipers arrived to constitute the fly in traffic for Saturdays fly in Italian luncheon at Joe's diner.

Good eats! Pennepasta, sauce with meat balls, salad, green beans, French bread & butter. Enjoy! The menu for lunch prepared by Joe Russo. Enjoy it we did. Strolling musicians would be a nice touch Joe. Several of us broke later for Richard Kallings aerie on Black Mountain to help him over the bar (retirement) after 35 years teaching in the San Diego schools. There along with the good company of family, teachers, and flyers we enjoyed great food, great refreshments (hic), and watching hot air balloons soar in from the ocean with a setting sun in the background. There were landings close enough to observe the procedure, rapid descent as the air cooled and the bursts of flame which arrested the descent and appeared as though the balloon was exploding in the dusk. However all landed smoothly and so ended another great day. Happy retirement Richard.

Reach for Tomorrow Young Eagles on July 9

By Lista Duren

There's a chance for all of us to help out on the morning of July 9 when Reach for Tomorrow (RFT) will again bring a group of about 85 kids for a first flight experience. Last year's event (the first time our chapter hosted RFT) was both a challenge and a thrill for all of us. RFT is an impressive organization focused on students who are about to enter

high school and are performing below their potential. The program catches them at an age that is critical developmentally and provides them with mentors, a new perspective on the value of education based on a week of travel and new experiences, and continued support as they prepare for college and career.

EAA is an official sponsor of RFT. Our job is to share our enthusiasm for flight. We need about 15 pilots to volunteer to fly these kids, and we need even more people providing ground support. If you can give safety briefings, talk to groups of kids about any aspect of flight or airplane design/construction, assign kids to pilots, escort kids to planes, direct planes, help with registration, produce certificates, or just help out where needed, we want you on the team on July 9.

Dayton Smith and Chris Allen are recruiting pilots for the event. Contact either one if you can fly Young Eagles. Dayton and Lista Duren are organizing the ground support. Please let one of us know if you're able to help out on the ground. Here's contact info:

Dayton Smith: 619-421-6546
daytons@cox.net

Chris Alan: 619-920-8069
calan@searchenginesamurai.com

Lista Duren: 858-452-7112
lduren@pacbell.net

To read more about RFT, visit their website at <http://www.reachfortomorrow.org>

RV Alert!

By Dennis Cullum

For the second year in a row, Chapter 14 will host an RV extravaganza to which all dedicated RViators are invited. August 19 is the date for this absolutely free event, to be held at the Chapter's facility at Brown Field, popularly known as SDM. Not only is the event free, but all RV participants are eligible

for a complimentary breakfast and/or lunch served as usual by our team of experts (not in cooking, unfortunately). Once again, no trophies or certificates, merely an opportunity to congratulate each other on our judicious choice of airplanes, perhaps exchange our experiences at Oshkosh (I'll be there), and generally hang out. If there's an interest, we will provide equipment and expertise for checking weight and balance on your airplane - we promise not to pass the information on to the FAA. Also, we will have an optical tachometer available to verify the readout on your panel tach, which are notorious for erroneous indications. We can also calibrate your airspeed indicator (if you really want to know); the calibrator will in addition check for leaks in the pitot system. All these services are available at absolutely NO COST!

If you're not familiar with the layout at Brown Field, just ask the friendly controller for the EAA and he (or she) will guide you there.

Breakfast starts at around 7:30 for the early risers, and continues until about 10:00. Then lunch at 11:30 or so - don't be late, it's usually all gone by noon.

Stand by for further information in next month's newsletter!

Contact: George Conway -
gconway@nethere.com - 619-466-7986

Nieuport Squadron Takes Shape

By Gene Hubbard

The Nieuports entered the third dimension for the first time in June when Siesta Patrol members began to assemble fuselage sides into three-dimensional structures. At present, three airframes have reached this point in construction, with framing on two nearly complete, and just started for the third.

Expect to see rapid progress over the next few months, as the team assembles the remaining five airframes. Upcoming highlights also include mounting seats and floorboards, landing gear, control systems, and beginning to assemble the engines!

Members of the Siesta patrol are at work every Saturday, after lunch, in Hangar 2. There's a ten minute time limit for watching—after that we put you to work. Bringing cookies used to extend the time limit, but since two of the Siesta patrol members are dieting at the moment, bringing cookies will cut the time limit in half.

SDEZ Fly-In... Success!

By Dan Patch

Well, the weather gods smiled on us! What great weather (finally)! Slightly sketchy VFR conditions a few places inland before about 8:00 AM, but everywhere else had excellent flying conditions from the get-go, and we had clear skies and perfect temperatures by mid-morning throughout the San Diego air basin. So that was a relief after suffering through several weeks of heavy marine layer glunk.

Anyhow, we had four EZ's from out of the SD area make the flight in, which was a record high number as best my memory can recall for our June picnic event - Thanks one and all of our visitors for your support, it was really great to have you make the effort to come!

David Kolstad (VariEze N506D) and Jeff Gress and his wife (VariEze N34EZ) flew in early in the morning from Whiteman and Fullerton, respectively. They both took advantage of the chance to get a fresh weight and balance done. Dave said that it had been twenty years since his last (original) was done, so I suspect there may have been a change since then. Perhaps his baggage pods are really baby stealth dirigibles filled

with helium and his plane is lighter!

I also spotted Long-EZ N606TT on the ramp, but not until after lunch when it was time for him to depart. Beagle's Sq. III directory (and the FAA) list 6 Tango Tango as belonging to Torger Totusek, also out of Fullerton. I'm bummed that I didn't get a chance to visit with Torger! I guess I must have been too heavily involved in the W&B project to be properly paying attention to what was going on - my bad, but next time.

Distance award goes to Bill and Julie Lerner from the Phoenix area - the Lermers are good friends and loyal ex-SDEZ squadron members who have made all or nearly of the Squadron June gatherings in years past. Bill and Julie were the first members of the SDEZ Squadron to finish a VariEze - in 1978 - and they are still flying! Bill sold their VariEze at one point, and then discovered that life without a VariEze just wasn't EZ, so he bought another Squadron member's plane when it became available.

Three Long-EZs carrying Trio Avionics' trio, Chuck Busch, Jerry Hansen and Sid Tolchen arrived together just in time to make the free breakfast for EZ-folk; and they went on to give an outstanding presentation outlining their GPS-friendly autopilot and soon to be



Phil Lankford's Q-200 was one of the nicest canards in attendance.

released (2-3 weeks) altitude-hold autopilot. Judging by the mob around their show-and-tell display after the presentation, they certainly captured a lot of interest. So, again thanks to you guys for your support and fine presentation!

In addition to Dave and Jeff's VariEzes, three local planes were weighed - Sid Tolchen's and Al Hodges' Long-EZs, and an EAA Chapter 14 "Pete-'in-Paul". Many thanks to Harry Abbott who made it happen by supplying the computer, a printer, and by crunching the numbers so that everyone had completed documentation; and thanks to Larry Rothrock (EAA 14 Prez, hanger mate and SDEZ Squadron guy) for W&B setup, plane shoving, and tear-down. Thanks to the many other helping hands for fixing lunch, shoving planes, preparing the scales (that's you Ryan), and all the other tasks that got done!

So it all came together, the weather was great, we had fun, the presentation was excellent, the atmosphere was relaxed (as was Al Hodges' grip on his Long-EZ, but that's another story), and I got to meet a new EZ builder (Berkut) and a potential EZ buyer. I never got anything like a firm head count, but several dozen EZ pilots stood up at the meeting, and plenty more came after that.

DeltaPop
VariEze N862DP
(@1930 hrs)

July Birthdays

Please help us wish the following Chapter 14 members a very happy July birthday

4 Frank H. Allen
5 Emidio J. DelConte
6 Ian S. Lansdown
6 Larry C. Lee
7 Geoffery R. Bik
7 Chuck C. Derry
8 Harold G. McAvenia
9 Mark R. Loveland
10 Dick A. Doll
12 Robert W. Randall
13 Richard G. Kalling
16 Casey M Auiler
17 Robert T. Gray
17 Mark A. Swoyer
18 Robert Hecht-Nielsen
20 Robert C. Hitchcock II
20 Larry K. Owen
21 Arthur W. Walsh
21 Joel Aguiard
22 Eugene H. Kramp
23 Dennis Kunkel
23 Judy T. Taylor
25 Dean L. Beddow
26 Robert A. Jorgenson
26 Steve D. Buchholz
28 Kevin P Casson
29 Kathryn C. Moss
29 Manuel T. Sparks

Hangar Party !!!

Mark your calendar for Sunday, August 14! Chapter 14 will have a Hangar Party on the 14th. Chapter 14...14th, get it?

The party will begin about 5:30pm on that lazy, summer Sunday afternoon and will continue into the cool, cool, cool of the evening. Bring the family and friends to the hangars at SDM. We'll set up a couple of the portable hangars on the apron and cook some hamburgers and hot dogs. Maybe, just maybe, there'll be ice cream, too. We'll roll out some airplanes and open up the hangars, so you can show your guests around and pretend that you know what you're talking about.

There'll be some music and some films and a lot of good fun and conversation. We'll have an aeronautical swap meet, too. Bring the aero-junk that's cluttering up your hangar or garage and sell, swap or trade.

Reservations are not really necessary, but it would help if you let Joe Russo or Larry Rothrock know, so food can be planned. Donations aren't necessary either, but if you want to contribute about \$3 at the door, that'll be helpful, too.

Unclassified Ads

Unclassified ads are free to Chapter 14 members - \$5 to non-members for 2 months. To submit an ad (or other newsletter input) send to Kerry Powell, Newsletter editor, either by email (preferred) at kgpowell@adelphia.net or by phone at 760-602-0662

Continental IO-520A with the GAMI mod, was involved in a "minor" prop strike and has been run for about 3 hours since then. Runout numbers are 0.000 and 0.001. It has a new VAR crank. I need to get \$14,000 for it. 858-442-8818 cell, or 858-277-8818 home ewatson1@pacbell.net

Wanted Corvair engine, any condition, Rob at 858 292 1350, e-mail via air@juno.com

Celebrity "Sport" Bi-Plane - 2 place open cockpit fun. Completed airframe ready for engine. Built from quick-build kit and covered with Poly-Fiber. Flight instruments & radio. Over \$20k invested. Asking \$10,950. Hangered at SEE. Doug (619) 464-5484 or dugcook@cox.net.



Trio Aviation's autopilot



Dan Patch preparing to weigh an EZ



Three EZs taxi out for takeoff

CERTIFIED  **LOCKSMITH**
Keys Made Locks Repaired

Emergency Openings

ELVIN W. AL ALLEN
3131 Valley Rd., Sp. 8
National City, CA 91950
619-267-6167

PROFESSIONAL SECURITY CONSULTANT

BAKER & MAXHAM
A PROFESSIONAL LAW CORPORATION

PATENTS
TRADEMARKS
COPYRIGHTS

FRELING E. BAKER
PATENT LAWYER

SYMPHONY TOWERS, SUITE 3100
750 "B" STREET, SAN DIEGO, CALIFORNIA 92101
TEL. (619) 233-9004 FAX (619) 544-1246
EMAIL: FBAKER@BAKERMAXHAM.COM



BUS. 427-4215
RES. 422-3130
FAX. 427-2989

STEVE D. BUCHHOLZ
REAL ESTATE BROKER, NOTARY

BALBOA REALTY
397 THIRD AVE. SUITE A
CHULA VISTA, CA 91910

PAGER 506-4760 (#)

Rent This Space
Put your business card
here for only \$5 per issue

Contact Kerry Powell, Newsletter Editor at
760-602-0662 or kgpowell@adelphia.net

WE FIX SLIPS - DRIPS AND FUNNY SHIFTS™



VALLEY TRANSMISSION
A BRAND OF EXCELLENCE™
447-4353
1158 NORTH 2ND ST. • EL CAJON, CA 92021

Greg Boehm, Dr. of Carology
Specializing in Transmissionology




Express
AIRCRAFT COMPANY, LLC

www.express-aircraft.com

Your Plane got Beef? Ours does! The Express 2000 can carry four 200 lb. men, baggage AND 140 gallons of fuel. 200 MPH AND a low stall speed. Kit, Extraordinary Factory Builder Assist Program and Exceptional Factory Finishing Services.
360-352-0560



CHIROPRACTIC ARTS

Dr. Earl E. Bush
Director of Clinics

7596 Eads Ave # 100 La Jolla, 92037 (858) 456-2663
9740-A Mission Gorge Road Santee, CA 92071 (619) 258-9732
Email: earlbushpilot@aol.com

CALENDAR OF EVENTS

- July 2 – Open house, coffee, lunch at Chapter 14 hangars, Brown Field.
- July 9 – Young Eagles, 9AM, Open house, coffee, lunch at Chapter 14 hangars, Brown Field.
- July 16 – Pancake breakfast 7:30, Chapter membership meeting—10AM, Open house, coffee at Chapter 14 hangars, Brown Field. Lunch – 11:30
- July 23 – Open house, coffee, lunch at Chapter 14 hangars, Brown Field.
- July 28 (Thursday) – Board of Directors meeting, 7PM, Montgomery Field administration building.
- July 30 – Open house, coffee, lunch at Chapter 14 hangars, Brown Field.

**EXPERIMENTAL AIRCRAFT ASSOCIATION
 SAN DIEGO CHAPTER 14
 1409 CONTINENTAL AVENUE
 SAN DIEGO, CA 92154-5707**

**NON-PROFIT ORG.
 U.S.POSTAGE PAID
 PERMIT No. 91
 CHULA VISTA CA**

July 2005

CHAPTER WEBSITE

<http://www.eaa14.org>

E-mail

kgpowell@adelphia.net

EAA Chapter 14 Memberships

Membership cost is \$25.00 per year plus an initial \$5.00 induction fee for new members. Applications are available at our Brown Field hangars and on our website.

Chapter Officers and Directors

Title	Name	Phone	E-mail
President	Larry Rothrock	(858) 748-1626	rothrock@znet.com
Vice-President	Lista Duren	(858) 452-7112	lduren@pacbell.net
Secretary	Kerry Powell	(760) 602-0662	kgpowell@adelphia.net
Treasurer	Dennis Cullum	(760) 436-5806	dfcullum@aol.com
Director	John Alley	(858) 277-2054	jalleynbart@juno.com
Director	Charles E. "Mike" Fisher	(760) 753-1064	cmdfisher@aol.com
Director	Pete Grootendorst	(619) 421-6252	pjgrootend41@cox.net
Director	Gale Hess	(619) 390-7510	gness4@cox.net
Director (Membership)	Eugene N. Hubbard	(858) 274-2091	enhubbard@sbcglobal.net
Director	Richard G. Kalling	(858) 549-0785	countk@kalling.net
Director	Bill Moore	(619) 222-8835	
Director	Chris Puntis	(760) 943-6997	skitchmo@netzero.net
Director	Joseph Russo	(619) 295-1718	jrussosd@aol.com
Director (Hangar Mgr)	R.S.Ryan	(858) 273-4051	rryan@san.rr.com
Director	Dayton L. Smith	(619) 421-6546	daytons@cox.net
Director	John P. "Jack" Thomson	(619) 425-6404	jpt@nethere.com
Director Emeritus	Ben W. Hunsaker	(619) 276-5121	
Flight Advisor	Reuven Silberman	(619) 749-5561	pilots2@yahoo.com
Brown Field Hangar No. (with recorder)		(619) 661-6520	

On-Going Chapter Events

Open House at the Brown Field Hangars every Saturday from 8:00 A.M. to 2:00 P.M. with lunch at 11:30.

Pancake breakfast - third Saturday of each month.
 General Meeting - 11:00 A.M. third Saturday of each month.

Tape Library

Our tape library contains over 700 tapes of many interesting and informative subjects. These tapes may be checked out by members for a period of one week. If you can't return the video in person, please return it by mail.