



The ThunderWord

Thunderbird Field EAA Chapter 1217 August, 2008

Scottsdale, Arizona

PRESIDENT'S CORNER

Greetings from my corner of the hangar! Last month I played hookey from the meeting and headed back to Oshkosh to get my yearly dose of EAA AirVenture. Thanks to Jack and Terry for holding down the fort, and to Stew Bloemer for talking about his adventure in building his Sport Cub.

This was the 25th consecutive year I visited AirVenture and while most everything stays pretty much the same, the event always has some major standouts. In the Antique area we got to inspect the flawless Boeing Model 40 Mailplane that has been featured in every flying publication this summer. The owner has totally submerged himself in the history of the plane and has painstakingly researched every detail. I have followed this restoration for years since the pilot that crashed it on the mountain in Oregon went on to later be my Grandparents' next-door neighbor in Mesa, and loved to tell flying stories when I was a kid. Old Grant Donaldson would be proud to see the plane basking in its glory.

When you walked onto the Warbird ramp there was a P-51 that was unbelievable in its detail, this has to be the most perfect P-51 flying. It was named *Happy Jack's Go Buggy* and will be a plane to see and read about. There are always the over the top standouts and the Red Bull aerobatic helicopter had everyone dumbfounded with its ability to do loops and rolls and anything else you could think of. The Rocket Racing Velocity blasted off with an earth-shaking roar and a thirty-foot white flame out its tailpipe, the boy that strapped that thing on was brave! What was supposed to be the great unveiling of the Martin Jetpack was a major letdown with the thing only getting a couple of feet in the air for a brief moment so photographers could snap that quick shot that was featured in every

newspaper in the country. It's a good idea that is still a ways from the "Wave of the future" it was announced that it would be.

Some people predicted that six-dollar a gallon Avgas would keep attendance down, but they were wrong. This year there were more show planes than last year and every patch of grass was covered with planes. It was a great event and I will definitely go back next year!

Curtis

AUGUST CHAPTER MEETING

The August meeting of Thunderbird Field EAA Chapter 1217 will be held on Thursday, August 14th, in the Scottsdale Airport Terminal Building. The time is 7pm. This is the second Thursday of the month rather than the third because of conflicts. This month's speaker will be Scottsdale Airport Assistant Aviation director Kim Hanna. Kim is going to go over some of the new projects as well as talk about what's in store for the future. She will also bring everyone up to date on the Air Fair. Kim hopes to be joined by a controller from the Scottsdale Tower. Remember, guests are always welcome!

AIRVENTURE CHAPTER 1217

HAPPY HOUR

A ten year tradition of Chapter 1217 members attending the Oshkosh AirVenture Fly-in is to get together one evening and compare sightings and stories. This year the event was a very well attended with around thirty members, family and guests showing up at Wendt's on the Lake to eat fish and swap stories. The lesson learned from last year was to call ahead way in advance and get a reservation for the group, it worked perfectly and there was no waiting.

FAA AWARDS PROGRAM

In each of the past 45 years, the General Aviation Awards program and the Federal Aviation Administration have recognized a small group of aviation professionals on the local, regional, and national levels in the fields of flight instruction, aviation maintenance, avionics, and safety for their contributions to aviation, education, and flight safety.

Those individuals earn the title of Aviation Maintenance Technician (AMT) of the Year, Avionics Technician of the Year, Certificated Flight Instructor (CFI) of the Year, and FAA Safety Team Representative of the Year. Previously, the latter award was the Aviation Safety Counselor (ASC) of the Year.

The GA Awards program is a cooperative effort between the FAA and more than a dozen aviation industry sponsors. The selection process begins with local FAA Safety Team managers at Flight Standards District Offices (FSDOs) and then moves on to the eight regional FAA offices. Panels of aviation professionals from within those four fields then select national winners from the pool of regional finalists. The four national winners receive:

- Round-trip travel expenses to Oshkosh AirVenture for each winner and a guest;
- Week-long AirVenture admission passes for each winner and a guest;
- Four nights lodging at an Appleton hotel;
- A rental car and week-long AirVenture parking passes;
- Sightseeing flight in a Bell 47 helicopter, tour of EAA's B-17 "Aluminum Overcast," and right seat time in EAA's 1929 Ford Trimotor;
- VIP seating on the flight line for the daily afternoon airshow;
- Introduction to the world's aviation press at the "Meet the Administrator" session;
- Awards presentations at "Theater in the Woods" by the FAA Administrator along with National FAASafety Team Program Manager Kevin Clover and GA Awards committee chair JoAnn Hill (last year's presentations were

made before a standing-room-only crowd of more than 3000 people);

- A "This Is Your Life" video vignette depicting each winner's career in aviation;
- "GA Awards Celebration Luncheon" including presentation of gifts & prizes;
- Receptions hosted by sponsoring and supporting industry organizations.

The total value of the prizes, gifts, and cash received by each national GA Award winner is conservatively estimated at \$5,000.

General Aviation Awards Committee chairperson JoAnn said, "The awards program sponsors are pleased that these outstanding aviation professionals will receive the recognition they so richly deserve before their peers at Oshkosh."

The window for nominations / applications opens each year on July 1st and runs through September 30th. Every pilot knows a CFI, a mechanic, an avionics tech or a FAASafety Team representative who may be deserving of recognition for the work they do. Please take a moment to encourage these aviation professionals to participate in this program. Call 303-485-8136 with questions about the application process, and visit:

www.FAASafety.gov

ANTIQUÉ AIRPLANE AND ENGINE AUCTION

If you are looking for that prized antique to restore, or you just want to look at some cool old airplane stuff you really need to check this out. The entire Trone Aircraft Collection is being auctioned off in September following the death of its owner. Everything from a real live WWI Nieuport 11 with a LeRone rotary engine to a Lake amphibian is up for grabs. Also, there are engines dating back to World War One and tons of old plane parts. The best thing is you never need to leave your chair to look at all this stuff because they created a great website that has pictures and history of most items. Go to: dtroneaircraftcollection.com.



Curtis ready to fire up the Martin Jetpack
(He missed the 100 lb max pilot weight placard)

ELECTRIC AIRPLANE BUILDER HONORED

In the true spirit of homebuilding, the EAA honored Randall Fishman of Cliffside Park, New Jersey, with the 2008 Dr. August Raspert Memorial Award for his accomplishment in developing and flying an electric-powered aircraft. The Raspert award has been presented annually since 1960 to a person who has made an outstanding contribution to the advancement of light aircraft design.

Fishman flew his first electric-powered aircraft, a weight-shift trike, during EAA AirVenture Oshkosh 2007 and received the grand champion and innovation award in the ultralight category. This year he is displaying his ElectraFlyer-C, an electric-powered, single-seat airplane, that made its first flight earlier this summer. You had to look close to

see the ElectraFlyer C parked under the wing of the US Airways DC-3 on the south side of AeroShell Square.

Fishman, president of Electric Aircraft Corp., put together the powerplant package that is based around an 18-hp electric motor. The ElectraFlyer-C cruises at 70 mph, stalls at 45 mph, has a top speed of 90 mph and a flight duration of 1-1/2 hours. The motor direct drives a 45-inch, ground-adjustable, two-blade Powerfin carbon-fiber propeller, which lifts the ElectraFlyer-C at a climb rate of 500 to 600 fpm. Takeoff rpm is 2800.

The motor draws power from a custom-built lithium polymer battery pack; batteries are projected to have a life of 1,000 cycles. Weighing in at 78 pounds, the battery pack produces 5.6 kilowatt hours and can be recharged in as little as two hours using a 220-volt charger (or six hours with a 110-volt charger). The cost for a full recharge is 70 cents with the 110-volt charger. Fishman says it's feasible to carry a small 110-volt charger as baggage on cross-country flights.

"People will like flying the airplane because there's no vibration and it is almost completely silent in the air," says Fishman, adding that you can listen to your iPod or use a handheld radio without needing a helmet while in flight. The Electric Aircraft Corp. does not sell the airplane but does offer complete powerplant packages, including the motor and controller. For more information, visit: www.ElectraFlyer.com.

AIRPORT SURVEY

The City of Chandler is actively seeking ways to improve communication with neighbors and users of the Chandler Municipal Airport. As you read this, a mailer of about 13000 pieces is going out, as well as there being an on-line survey that takes about 5 minutes to do. Please take a little time and fill it out. The website for the survey is:

www.westgroupresearch.com/airport.



Three Generations of Lindholms

Don Lindholm flew his Cessna 170 to Oshkosh and brought three generations of Lindholms to Wendts.

GARMIN 496 GPS RAFFLE

The Arizona Pilots Association is raffling off a brand new, top of the line GPS to raise funds for their many worthwhile projects. Tickets are only \$10 each or six for \$50. The winner will be drawn at his year's Copperstate Fly-in on October 26th. You can get your tickets by contacting Nancy at www.nambabi@aol.com

THUNDER OVER THE COCONINO

No it's not the slogan of a new Mexican restaurant, it's the August 23rd event planned at the Grand Canyon Valle Airport (40G), 8:00 a.m. to 4:00 p.m. EAA Chapter 856 will sponsor a pancake breakfast and a variety of other foods available throughout the event. Other attractions include a fly-in with vintage

aircraft, warbirds, homebuilts, experimentals, and general aviation; a car show, vintage tractors, EAA Young Eagles Flights, Ford Tri-Motor, warbird and helicopter rides, and the Planes of Fame Air Museum. For fees, complete details and updates check web site at: www.valleairport.com

LYCOMING PLANS TO CERTIFY ENGINES ON MOGAS

Maybe diesel power isn't the ONLY answer to ever-tightening supplies of 100 low-lead fuel. Recognizing global concerns about the immediate and long-term availability of aviation grade 100LL, on Monday, Lycoming Engines announced an unleaded automotive gasoline approval program for its standard compression ratio O-360 and IO-360 product lines.

Unleaded 93 AKI automotive gasoline conforming to either Euro Norm EN228 or ASTM D4814 will be the basis of this Lycoming specified fuel. Supplemental requirements within the scope of the existing standards will be stated as necessary for safe operation in aviation applications.

Approval is expected by fall 2008. Lycoming stresses the program will be an engine approval only; aircraft certification approval must be obtained separately to permit operation with this fuel.

Lycoming piston engines power more than half of the world's general aviation fleet – both rotary-wing and fixed wing. For more information, visit: www.lycoming.com.

Thunderbird Field EAA Chapter 1217. Contacts

President	Curtis Clark	602 953-2571	EAACChapter1217@aol.com
Vice President	Terry Emig	520 836-7447	dprez@cactusflyin.org
Secretary/Treasurer	Jack Pollack	480 585-1885	Jack.Pollack@Analyticalgroup.com
Newsletter Editor	Ron Kassik	480 948-0168	ronkassik@cox.net
Young Eagles	Your name here	We are looking for a new YE Coordinator	
Technical Counselors	Dan Muxlow	480 563-4228	N27DM@cox.net
	Jim Berdick	623 293-2708	Berdick@qwest.net

Chapter Website: www.ThunderbirdField.org



Dyke Delta at AirVenture



**Manfred Kreiselmeir and Dad
at the Chapter Happy Hour**

**ASAA ART SHOW AND
FBO OPEN HOUSE**

Information provided by Hal Rozema
The American Society of Aviation Artists (ASAA) Western Regional Meeting will be on September 27th and 28th, 2008 in conjunction with the Medford Air Service Open House at

the Rogue Valley International - Medford, Oregon Airport.

One reason for the ASAA Regional is to give people who have an interest in aviation art the opportunity to get together with other aviation artists, but who can't afford the time or money to attend a national forum. There is no registration fee. A fine display of aviation art will be exhibited in addition to demonstrations of how aviation art is created. An exhibit of aviation photography will also be shown. A theater will be set up to show aviation videos and DVDs, and several presentations will be given live.

The theme of the fourth year of the Medford Air Service Open House is "Accent on the Future." Since this is an open house for a fixed base operator, it will stress the future of aviation in the Rogue Valley, and also the aviation future of our young citizens. The third factor is the future of space flight. The Science Works Museum in Ashland will have a very interesting array of space flight demonstrations.

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At AirVenture, Nyah Kassik checks out the kiddy version of Grandpa's J-3 Cub

The Fly By Night Aero Club will offer a pancake breakfast, and lunch will be available.

In order to attract as many people as possible, admission is free. About 40 aircraft will be displayed including modern military and antique types. Invited are a P-51, P-38, and a Grumman Duck. All five military services are being contacted. The military

may provide display aircraft and/or fly-bys. Although this will not be considered an air show; there will be ribbon cutting, flour bombing, spot landing competitions, gyrocopter flight demonstrations, radio controlled aircraft flying, and skydivers. Rides will be available, for a fee, in fixed wing aircraft and helicopters. If the weather permits, a tethered hot air balloon will be on site.

In order to appeal to more people, classic car, hot rod, Model "A" Ford, and military vehicle clubs have been asked to display their vehicles.

Several activities are being planned for young people. The Experimental Aircraft Association will have their "flyable Link Trainer", and a highly modified VariEze flight simulator. They will also be offering free rides to 8 to 17 year olds through their "Young Eagles" program.

If you would like more information or have an aircraft you would like to display, please contact: Hal Rozema at: hartist1@cox.net, or Art Lumley at 541-855-9087, 855-2529, or omni727@yahoo.com.



Cessna on Floats at the AirVenture Sea Plane Base

ThunderAds

FOR SALE

DIAMOND DA-40 PARTNERSHIP

Looking for partners in Diamond DA-40 based at SDL.
Renzo Cataldo 480-227-3647

25 GALLON AUX TANK

Tank for sale. Also Complete set of portable runway lights for free. Dick Wall 602-809-0214

1979 CESSNA 182Q

Arizona Airplane on SDL Tie Down K137, TT 3500 hrs, Engine 1262 hrs. SOH, interior upgrades & wing tip replacement underway. Bill Maxey 602-820-5722 maxeybill@hughes.net

WAG-AERO CUB

Completed in 1999; approximately 200 TT; 65 h.p. Continental approximately 700 SMOH; Cub yellow; no electric; excellent condition; light sport aircraft. Contact Don Lindholm at 602-996-3612 or dlindholm@bcattorneys.com

RV-10 PROJECT

Switched to an RV-12. RV-10 emp / tail cone kit. \$2800.00 (negotiable) for the project. Savings of over \$700. Some tools that may be included if interested. Project located in Prescott, AZ. Frank Benedict c-140@juno.com 928-778-1977 H 928-899-8365 C

RANS S-5 COYOTE

Tricycle gear, Rotax 447, two 9 gal. tanks, airspeed, ALT, HGT, EGT, elect fuel pump, hr meter, Sporty Radio SP-200. Hangered at GEU. \$6000 602-300-0007

TEAM TANGO KIT

80% assembled in Tempe. \$24K for the complete kit and \$5k for the complete Subaru Engine, gauges Bart D. Hull 480-452-9208 (Cell)

TITAN TORNADO II

Light Sport Aircraft; 80hp Jabiru 2200 engine. 153 Hrs TTAE. Tandem dual stick controls. Electric flaps and trim. EIS system, Icom IC-A6, Garmin GPS 195, Sigtronics intercom. ALT, ASI, VSI, strobes, landing light, BRS. Two props and tow-bar included. Burns 3.4 gal/hr during climb-out and 2750 rpm cruise. \$24,900. Call Todd 480-755-4200 www.djs4u.com

ANYWHERE MAP GPS

PDI format displays: Artificial Horizon, "Gyro" compass, GPS altitude, distance and speed. Recent mfg check-out and new batteries. 4 hr internal batteries or plug-in to AC power. See www.anywheremap.com/aviation-gps.aspx Great deal at 2/3 retail. Hal Rozema 602-553-8181 or Hartist1@cox.net

GLASTAR PROJECT

Lycoming 0-320 engine. Located at Carefree Airport. Al Ross 480 595-9579

CESSNA SKYMASTER PARTNER

Looking for qualified partner to share this well equipped, pressurized, well maintained twin that is in a legal hangar at DVT. Bill Pabst 602-953-2034

GRENGA GN-1 AIRCAMPER PROJECT

Biplane conversion but can be switched to a parasol. Fuselage covered and Elizado Tigre engine installed. \$6000. Estate sale. Contact Lesley Morgan 480-834-4831 or e-mail Curtis at EAChapter1217@aol.com to receive a digital slideshow of the plane.

1979 CESSNA TURBO 182RG

287 SMOH, O₂, A/P, NDH Arv Schultz 602 275-1016

RV-4 PARTS

RV-4 tail kit, new in box, minimum work done \$650., wing parts: leading edge, top and bottom skins, tank skins & baffles \$500. Mike 602-862-0699

LYCOMING 0-235-C1

673 SMOH, Sky Tec starter, removed from Long Eze for 0-320 upgrade. \$6500. Mark Boram 520-883-0672

JEFFAIRE BARRACUDA PROJECT

Fuselage on gear, wings built. 80% complete. \$9,900. Hangered at Glendale, AZ. Call John 480-704-3250

SERVICES

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Dr. Henry Givre AME, Chapter member and RV-4 owner. 520-836-8701

Aircraft Photography

Mike O'Connor CrashOConnor@aol.com 480-515-5105

BFR's

Fred Lloyd 602-234-1940

Machine Shop

High quality parts fabrication for homebuilts at a reasonable price. David Leverentz 520-898-4321

Want to see your aircraft-related ad here in the Thunderword?

Send an E-mail to EAChapter1217@aol.com

**Thunderbird Field
EAA Chapter 1217
5450 East Voltaire
Scottsdale, Arizona 85254**

