

EAA Chapter 974 Newsletter

EAA Chapter 974

March 2006

Hogan Field (KHAO)
Hamilton, OH

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Tom Graumlich, Chapter President

Great turnout for the March meeting! We had 30 current members plus five new members and one guest in attendance. I would like to offer a special welcome to our new members John Wise, Randy Adams, Rafie Abdul Hadi, Greg Detweiler, and Steve Linnemann and to our guest Tim Koch. We are genuinely excited to have you join the Chapter.

(I should also offer an apology to Les Robertson for identifying him as a new member rather than a current one – nevertheless, I would add that we were happy to see him again. Les, I hope you obtained answers to the technical questions you asked before the meeting. If you didn't, let us know and we'll try again.)

At last count we had 43 orders for Rolf Hetico's new Chapter T-Shirt design. That means we should be able to order 50 and obtain an increased discount.

Thanks to Kent Forsythe and Barry Fear for their presentation on riveting, dimpling, etc. (I especially liked Kent's deburring tool – How could I have missed that one?....Oh well, another item to add to my Sun'n Fun must purchase list.)

Speaking of refreshments, how did I miss getting one of Elizabeth's airplane cookies... I must have been really, really distracted.

Next month looks to be a busy one! Our Chapter meeting on April 2nd meeting will feature a presentation by Ray Parker on Engine Maintenance. Sun'n Fun (April 4-10) is starting to look like a Chapter Fly-Out. (Note to self – If I don't reintroduce myself to the Varieze soon, I'll end up driving a "support vehicle"....) We also have a Chili Cook-Off scheduled for April 15 and a Young Eagles program scheduled for April 29. Look's like

a great month despite that saying about interesting times....

See ya at the meeting. Bring a friend!

Tom Graumlich

Board Meeting Minutes

Kent Forsythe
Chapter Secretary

No business.

Meeting Minutes

Kent Forsythe
Chapter Secretary

Meeting was called to order on March 5, 2006. Location of the meeting was the EAA974 hanger at HAO.

Attendance

- 30 club members (attendees found on last page)
- 1 visitor
 - o Tim Koch
- 5 new applicants for membership
 - o John Wise
 - o Randy Adams
 - o Rafie Abdul Hadi
 - o Greg Detweiler
 - o Steve Linnemann

Announcements

- Notification of Brian Schermerhorn resignation as club secretary. Appointment of Kent Forsythe as new secretary by Tom Graumlich.

Reports

- Treasurers Report
 - o Treasurer's reported accepted by the members
- Tech Counselors Reports
 - o No official activity to report
 - o Ray (unofficially) looked at Brad Ankerstar's KR2
- Web Masters Report
 - o Nothing to report
- Young Eagles Report
 - o There are potentially three groups interested in a Young Eagles event.
 - o April 29th date for scouts group.
- Presidents Report of Programs This Year
 - o Wings weekend will be June 29,30 and July 1.
- Hanger Master's Report
 - o Nothing to report

Old Business

- Club T-Shirts
 - o Rolf had the final signup for t-shirts. Price will be between \$16 and \$20 /shirt
 - o Motion made and approved to use up to \$180 of club funds to purchase 10 extra shirts for various uses and new members needs.

New Business

- Mark Taylor reported that Flying Circus will be August 12,13
 - o We will not be flying during the break this year.

- o We have been requested to have static displays of finished planes and projects that are in-progress

- Mark Taylor has 30-40 kids from their church that may be interested in an event at the airport.
- Elizabeth Szoke will check into the possibility of using CFIs from Sporty's to fly some of our Young Eagles events. They would have to be EAA members. Elizabeth is checking into different ways of making this happen.

Program

- Tom Graumlich, Barry Fear and Kent Forsythe demonstrated different metal working techniques for drilling, deburring, dimpling and riveting.

Member Attendees

- | | | |
|-------------------|---------------------|---------------------|
| 1) Chuck Broge | 11) George Theobald | 21) Dick Simpkin |
| 2) Brian Charlton | 12) Tom Burdin | 22) John Statt |
| 3) William Conn | 13) Bob Dombek | 23) John Wilemski |
| 4) Mark Dornette | 14) Barry Fear | 24) Ken Jones |
| 5) Tom Graumlich | 15) Brett Ferrell | 25) Elizabeth Szoke |
| 6) Ray Parker | 16) Kent Forsythe | 26) Tim McNamee |
| 7) Dave Raney | 17) Rolf Hetico | 27) Brad Ankerstar |
| 8) Gene Seiter | 18) Tom Hogan | 28) Tom Wise |
| 9) John Taylor | 19) Paul Kurtz | 29) Les Robertson |
| 10) Mark Taylor | 20) Robin Shaw | 30) Joshua Combs |

Sheetmetal Techniques Demo

The weather was unexpectedly nice for our February meeting, and the attendance showed it. The tremendous trio of Barry Fear, Tom Graumlich, and Kent Forsythe presented a seminar on sheetmetal working. A composite guy like myself could learn a lot as they discussed the use of [rivet spacers](#) to get properly spaced drilled holes, [rivet tape](#) to hold them in place, and [rivet gauges](#) to make sure your rivet is properly squeezed, the importance of [deburring](#) your holes and edges for stress-relief, dimpling tools to countersink your flush rivets, [clecos](#) to hold pieces together temporarily, etc.



Excellent attendance, particularly for February



Look at all of those people, and 5 new members!



Kent and Barry's talk is riveting...



Kent explains deburring and clecos



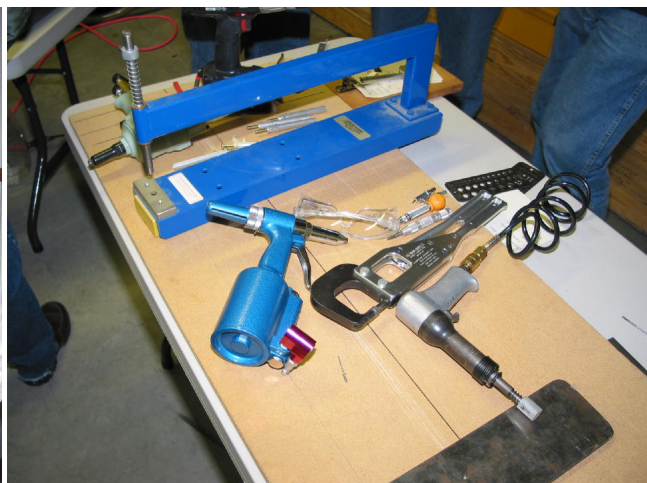
This tool dimples your sheet, which not only makes it more attractive when it smiles, allows a flathead rivet to sit flush.... particularly good on the exterior



This bucking bar makes it easier to rivet when there's only one person handy.



These guys are either going to rivet something, or hold up a hardware store



I have to say, these tools give a sheet... metal worker a real advantage

Ride to Oshkosh?

Need a Ride to Oshkosh? Check out EAA's RideShare[NL]In early 2005, EAA

launched RideShare, a new service that sought to pair those wanting to attend the annual EAA AirVenture Oshkosh fly in with those who had a spare seat available, airborne or ground-bound. Hundreds of people took advantage of listing their names and contact information, no doubt allowing scores to attend who otherwise would have stayed at home. The 2006 version of EAA's AirVenture's RideShare is now available on the EAA AirVenture 2006 website, <http://www.airventure.org> ([read more](#))

Sun-n-Fun 2006 Chapter Leaders

Hey Chapter Leader!

Come join us for some fun, interactive Chapter related forums at Sun N Fun, Lakeland, Fl...

- **"Recruiting Members for Your EAA Chapter"** on Friday April 7th, at 9:00 a.m. to 10:00 a.m., in Forum Tent #3
- **"Making your Chapter Great!"** (Part 1 and Part 2) on Saturday April 8th from 9:00 am to 11:00 am, in Forum Tent#3

These forums will be a fun and interactive presentations that will allow you to take away some ideas on how to make your Chapter more effective and more satisfying for your members! Please come armed with your best ideas/questions on Membership Participation, Membership Recruitment, Chapter Activities, and anything else you think will be of value. We look forward to a fresh exchange of ideas and information.

No registration necessary. For complete information on the Sun 'n Fun forums go to this web site:

<http://www.sun-n-fun.org/content/interior.asp?section=flyin&body=convsch/forumscopy>

Troy Toelle

EAA Member & Chapter Relations

FAA Lowers WAAS Approach Minimums

The FAA has just reduced WAAS approach minima to a 200-foot decision height and 1/2-mile visibility. And that means pilots flying instrument approaches using GPS enhanced by the Wide Area Augmentation System (WAAS) can get virtually the same performance as they do now from a ground-based ILS. "AOPA has been a strong supporter of WAAS for more than a decade," said AOPA President Phil Boyer. "We have urged both Congress and the FAA to press ahead with the program because it improves air safety by providing the precision vertical guidance needed especially in poor weather conditions. And it makes better use of the nation's system of airports because thousands that currently may only be used in good weather can become all-weather capable." Typically, a GA airport might expect minima of 300 feet decision height and 1 mile visibility from a WAAS approach without any improvements to ground infrastructure. To get the lowest minima possible from WAAS, the airport will need much of the ancillary ground infrastructure required for an ILS system, including approach lights, precision runway markings, and a parallel taxiway. See [AOPA Online](#).

2005 NALL Report Released

AOPA AIR SAFETY FOUNDATION RELEASES '2005 NALL REPORT'

The AOPA Air Safety Foundation's just-released [2005 Joseph T. Nall Report](#) shows a historic low for aviation accidents in 2004. The report, funded by the Emil Buehler Trust, is the nation's first authoritative look at the general aviation accident rate for the preceding year. According to the report, there were 6.22 total accidents and 1.2 fatal accidents per 100,000 flight hours for 2004. For 2003, the accident rates were 6.77 and 1.37, respectively. "Although the accident rate is down this year, there is still work to be done," said Bruce Landsberg, executive director of the Air Safety Foundation. "During the 15 years that the foundation has published the annual *Nall Report*, pilot error continues to top the list of accident causes. This year, based on an increase in weather-related accidents, we focused on weather accidents and pilot decision making when in hazardous weather conditions."



Upcoming Fly-ins

UPCOMING FLYING DESTINATIONS THIS WEEKEND:

Titusville, Florida. The Valiant Air Command 2006 Tico Warbird Airshow takes place March 10 through 12 at Space Coast Regional (TIX). Featuring modern military flybys and demonstrations, strafing runs, dog fights, and vintage warbirds on display. Held at the Warbird Air Museum. Contact Don Hussey, 321/268-1941, or visit the [Web site](#).

Brownsville, Texas. Air Fiesta 2006 takes place March 11 and 12 at Brownsville/South Padre Island International (BRO). Featuring aerobic acts Jan Collmer and Paul Fiala; Tora, Tora, Tora re-enactment with pyrotechnic display; World War II bombers and fighters; and modern military exhibits and flights. Contact David Hughston, 956/541-8585.

Boise, Idaho. The Idaho Aviation Festival takes place March 10 and 11 at Boise Centre on the Grove. This event attracts aircraft owners, pilots, mechanics, aviation business leaders, aviation enthusiasts, and the general public. Contact Kim Cobb, 208/288-0290, or visit the [Web site](#).



★ UPCOMING FLYING DESTINATIONS IN THE EASTERN REGION:

Batavia, Ohio. Sporty's holds a Hot Dog Fly-in every Saturday at Clermont County (I69). Free hot dogs from noon to 2 p.m. Contact Mike Lack, 513/735-9100 ext. 303.



★ UPCOMING FLYING DESTINATIONS IN THE GREAT LAKES REGION:

Superior, Wisconsin. A Fly-in Open House takes place March 11 at Richard I. Bong (SUW) from 9 a.m. until 3 p.m. Event features Young Eagles rides and a chili feed at noon. Contact John Shallow, 218/729-7764.

Chicago, Illinois. A Safety Seminar takes place March 15 in the maintenance hangar at Lansing Municipal (IGO) at 7 p.m. Mark Clements of Northwest Aviation will speak about the use of glass cockpit systems and emergency procedures, and Murray Shain, FAA examiner, will talk about his experiences with cold weather operations in Alaska. Contact John Magon, 708/955-6475.