

Tower Talk

John Livingston Chapter

July 2014

Upcoming Events:

July Events

- **1 - Tuesday, 7:00:**
Board Meeting Airport
Conference Room
- **5 - Saturday, 8:30:**
Breakfast, Ramada
Waterloo
- **15 - Tuesday, 7:00:**
Chapter Meeting, Airport
Conference Room,
Tim Newton, Guest
Speaker
- **July 28 - August 3:**
EAA AirVenture Oshkosh
www.eaa.org

July Fly-Ins Schedule:

www.flyins.com

Iowa DOT Calendar:

www.iowadot.gov/aviation

August

- **23 - Saturday, 7:00-10:00:**
Chapter 227 Fly-In Break-
fast, Livingston Aviation
Waterloo
- **23 - 24:**
Thunder in the Valley,
Waterloo
cedarvalleyairshow.com

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Runway Zero

by Warren Brecheisen, Chapter 227 President

I have missed two of our important and fun events recently due to previous commitments. It is my understanding that both the B-17 visit and the picnic went very well. Special thanks go to Dick Poppe and Chris Roberts for all the work they put in on hosting the B-17. Special thanks also go to Chuck and Rhonda Rottinghaus for hosting the chapter picnic in their great hangar facility. I also want to thank Carl Campbell, whom I helped do the picnic shopping and hauling of tables and grill out to the Rottinghaus's. My apologies if I left out thanks to any other key players in these events.

Dorothy and I were on a camping trip in Utah when the B-17 was here. If you haven't visited southern Utah it's a beautiful area with 5 national parks. Our favorite on this trip was Bryce Canyon National Park. We camped in state parks during our stay and were very impressed with their facilities as well as their picturesque locations. I noticed what appeared to be a Piper Chero-

kee down in a wash when we were driving in Utah and a couple of minutes later I spotted a nice little airport near the wash. I didn't take the time to investigate, but I'll bet there's an interesting story there.

Our fly-out coordinator, John Bender, had back surgery recently and is expecting to be released by his doctor for normal activity this week. Therefore, keep watching your email for fly-out announcements as John is eager to get back in the cockpit. Speaking of fly-outs, John set up a fly-out last Friday to Prairie du Chein, which was quite a success. I didn't count people or planes, but I think we had seven planes and about fifteen people participate. Since John wasn't able to fly yet, he rode over with me. John sends fly-out notices to some friends that aren't members of our chapter and several showed up in Prairie du Chein. In the long run, I'm hoping that this will lead



to getting some new members.

I'm starting to get Oshkosh fever. For me it's as much about seeing friends that I only see once a year as it is about airplanes. Many of our members volunteer at Oshkosh, including me. It gives me a sense of purpose and satisfaction to help out at AirVenture, as well as providing many opportunities to make new friends. If you haven't volunteered, I would encourage you to try it. There could be no Oshkosh if it weren't for volunteers. A new airshow act that I want to see this year will be Matt Chapman flying his CAP 580 in formation with an RC model of an Extra. Of course the highlight of the airshows will be the USAF Thunderbirds.

See you at Oshkosh!
Warren

Chapter Meeting - July 15th

Tim Newton: Restoring A Bell Helicopter

**Please join
us on
July 15th
at 7:00PM**

After our chapter meeting on July 15th, we are privileged to hear new chapter member Tim Newton speak about the restoration of his Bell helicopter.

Most of us have seen Tim's helicopter and now we will have the opportunity to learn from Tim about what was involved in rebuilding it.

Please join us on July 15th at 7:00PM in the Waterloo Airport Terminal Building conference room for this interesting and informative program.

EAA AirVenture Oshkosh Set With High-Flying Family Fun as One of Summer's Top Events

**“AirVenture
is known as
aviation’s
family
reunion...”**

A first-time appearance by one of the world's top jet teams, an airplane built in one week, the latest flying innovations, and an airport full of aircraft large and small are part of EAA AirVenture Oshkosh, the 62nd annual fly-in convention, July 28-August 3 at Wittman Regional Airport in Oshkosh, Wisconsin.

EAA AirVenture Oshkosh is the world's largest fly-in event, with more than 10,000 aircraft coming to the Oshkosh area for the week, along with a total attendance surpassing 500,000 from more than 60 countries. Known as “The World's Greatest Aviation Celebration,” AirVenture welcomes flying machines ranging from the smallest ultralight to missive airliners and military cargo aircraft.

“In the aviation community, if it has flown, is flying or will fly, it will come to Oshkosh,” said Jim DiMatteo, EAA's vice presi-

dent for AirVenture features and attractions. “AirVenture is known as aviation's family reunion for a reason – it brings together the world of flight in an unmatched way but is as much about people as airplanes. Regardless of where your passion for flight takes you, you'll find it here.”

Among this year's EAA AirVenture Oshkosh highlights:

- The U.S. Air Force Thunderbirds, one of the world's finest jet teams, brings its full performance to Oshkosh for the first time (August 1-3)
- See an airplane built (and help build it) in just seven days, with the “One Week Wonder” Zenith aircraft
- Increased displays of current military aircraft, led by the U.S. Marine Corps VW-22 Osprey tiltrotor with a full aerial demonstration

- Magnificent vintage and warbird aircraft, meticulously restored and not only on display, but flying
- The latest innovations in aircraft design, custom-built airplanes, aviation technology, and much more
- Daily afternoon air shows, featuring the world's finest aerobatic pilots, including World War II aircraft extravaganzas on August 1-2, plus night air shows on July 30 and August 2
- Aviation fun and discovery for kids and the whole family at the KidVenture area
- Musical entertainment every evening, including Kenny Loggins (July 28), Big Bad Voodoo Daddy (August 1), and “1964: The Tribute” Beatles tribute band (August 2)

Don't miss any of the fun at AirVenture's family reunion and unique culture at this internationally known event.

Thunder in the Valley by Warren Brecheisen

Our chapter's next big event is participation in the Thunder in the Valley air show. The dates are Friday through Sunday, August 22 through August 24. Please mark these dates on your calendars. Chapter 227 is doing two things for the airshow: a flight breakfast on Saturday morning, August 23, from 7:00 am to 10:00 am and an aircraft display from 8:00 am until 5:00 pm both Saturday and Sunday. We will be setting up the breakfast and display areas starting at approximately 4:00 pm on Friday, August 22.

We have contracted with Chris Cakes to do all the food preparation for the flight breakfast. Although this seemingly limits our profit potential, Chris Cakes has the advantages of purchasing volume, having all the equipment and having a consistent product. Since our chapter resources are going to be split between the breakfast and the aircraft display, this seemed to be the best alternative to help keep our resource commitment down. Our responsibilities are to clean the hangar (before and after), set up and take down chairs and tables, and help serve. We need tables and chairs for the breakfast. If any of you know of a place that we can get them at a bargain rate (i.e., free), please let me know. The

chapter does not currently own enough for the breakfast and we need to use some of the tables we have at the aircraft display.

Breakfast fly-ins will be parked on the ramp in front of Swieter Aviation and will be shuttled from there to the main entrance gate. PIC's will get free airshow admission and breakfast, but their passengers will be expected to pay for both entrance and breakfast.

Eleven aircraft owners have signed up to display their airplanes on both Saturday and Sunday. If you have not signed up your aircraft for the display, but would like to, please contact me. The aircraft display will include a booth with information about EAA, our local chapter, and the Young Eagle program including sign-up sheets. I'm planning to have a couple of large banners that are displayed above our exhibit in order to gain visibility and hopefully generate some interest among the general public in finding out more about, and perhaps joining, EAA. We will need volunteers to run the info booth as well as keep an eye on the airplanes (i.e. security). I am planning to provide prop cards for the airplanes. If you already have a prop card, please let me



For more information, visit www.cedarvalleyairshow.com

know as EAA charges \$0.50 each for them. I also plan to have a break area in the middle of the display with soft drinks and water available.

We cannot hope to pull off these two activities without your help. Volunteers from our chapter will get free admission to the airshow and Saturday morning volunteers can get a free breakfast. This project will need a maximum effort from the chapter to be successful and to share the burden so a few people don't have to do all the work. I will have sign-up sheets available at the July chapter meeting, but please do not wait to sign up. This will give you a better chance to get the work times you prefer. Call me to volunteer.

Warren Brecheisen
President,
EAA Chapter 227

“We cannot hope to pull off these two activities without your help.”

Opportunities for 227 to Shine at Thunder in the Valley!

More Thunder in the Valley Volunteer Options

For those who want to volunteer beyond chapter activities, below are the airshow volunteer opportunities (free t-shirt included):

Ground Maintenance
Hospitality Workers
Security
Special Assignments

Program Sales
Parking Logistics
Traffic Assistance
Ticket Taking

Volunteer sign-up sheets will be available at the chapter meeting on July 15 and via email. To volunteer your preference, please contact Chris Roberts, 319-240-8128 or chrisr@cfu.net. Deadline to volunteer is August 8.

THANK YOU FOR A GREAT B-17 DAY!

Chapter 227 members should be proud!

You might say the odds were against us almost from the start. We got a call from the EAA asking us to host a one day tour stop for the B-17 *Aluminum Overcast*. They explained they could fit us in between the Indianapolis and Cedar Rapids stops. Ok...makes sense, in fact, it sounds like a great opportunity. Our stop would be June 3rd. Wait a minute—let's think about this—that gives us less than 2 months to pull this off as opposed to 8-12 months for most of the other tour stops. All the organizing, all the promoting—can we do this?

You put a challenge like that in front of 227 members and we refuse to fail!



The B-17 arrived almost 24 hours late due to being weathered-in at Indianapolis. There goes the on-site press conference Monday afternoon (even Mayor Clark was going to be there to meet the flight crew) and the additional exposure that could bring. But Chapter 227 members should be proud! We pulled it off—and we pulled it off big time! In fact, the B-17 flight crew thought we were down right inspirational!

The EAA Air Tours team later described our stop as: “pulled off great numbers”, “fantastic job” and “incredibly stellar.”

Thank you 227 members for your great team work. Thank you Waterloo Regional Airport, Livingston Aviation and air traffic controllers for all your help and support. Thank you Dennis Magee and the Waterloo Courier for the great coverage. Thank you to our communities for such a great turn-out. And thank you everyone else who made this unforgettable day possible.



B-17 Pilot Sean and WWII B-17 Veteran Cleon Wood

The Aluminum Overcast Gallery



Photos courtesy of John Bender, Tim Newton, Dave & Chris Roberts

Fun at the Chapter 227 Fly-Out Picnic June 14th!

On Saturday, June 14th, Chapter 227 celebrated the annual picnic at Chuck and Rhonda Rottinghaus' airport and hangar. Every pilot wishes for a facility as splendid as "Charlie International". In addition to Chuck and Rhonda's hospitality, we enjoyed great food and friendship plus Gary and Linda Witcombe braved the high winds to fly their Tri-Pacer into the event. Dave and Kim Hummel, with help from Carl Campbell, were the Grill-Masters and cooked up the burgers and brats. Everyone brought a covered dish and no one left hungry! We had over 45 members, spouses and children and everyone pitched-in to make it a memorable occasion. We can only hope that Chuck and Rhonda will invite us back so that we can do it all over again!



*Photo courtesy of Chuck Rottinghaus
Article and Collage courtesy of Marty Hoel*



Chapter 227 Picnic continued

**Chapter
Picnic**

June 14th Rottinghaus' Hangar



Gary and Linda Witcombe's Tri-Pacer



*Celebrity
Pilot*



*Grill-Master
Dave Hummel*

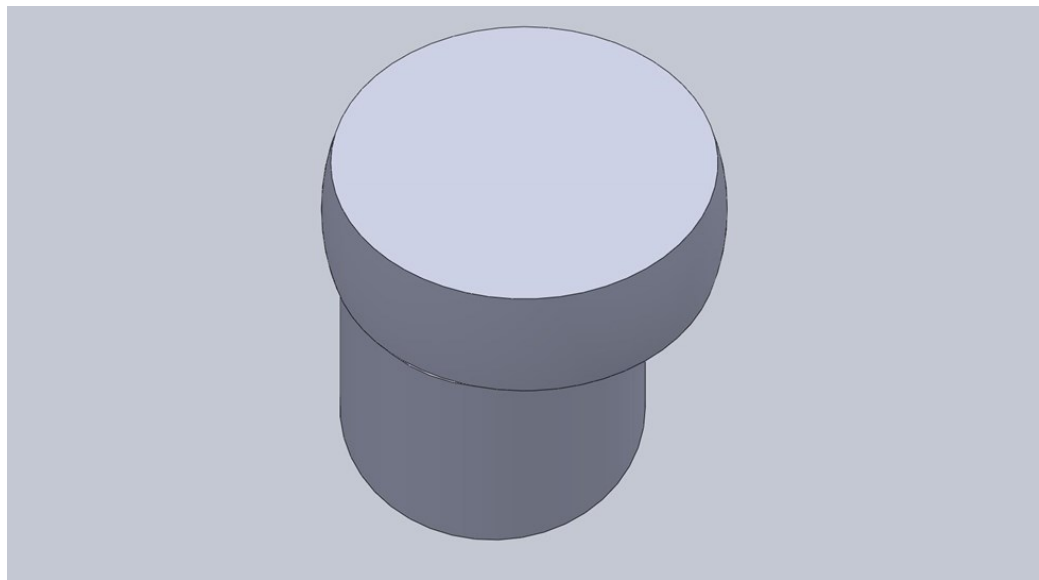


*Pictures courtesy of
Dave Dunn and
Chuck Rottinghaus*

TECH NOTES - Golf Anyone? by Mike Lewis

I have had the opportunity to view several aluminum homebuilt aircraft projects. Quite often the topic of misshaped shop rivet heads comes up. This is usually the case of the shop head forming off center and a bit elliptical. When drilled out the shop head looks a bit like a tiny golf club. That's why I have referred to them as making golf clubs.

“...I have referred to them as making golf clubs.”



The question is “should I drill them out and replace them?” Kind of a tough question. I'll give you the typical engineer's answer – It depends! I am sure we all want our rivets to be as perfect as possible; however there is as always a trade-off. I assume all the aluminum aircraft builders know the proper way to drill out a rivet, but if you don't, call me. Even with proper technique however, there is always a risk of damaging the hole. A damaged or oversized hole can very easily result in a weaker joint than a misshapen shop head. The “it depends” may be how bad the rivet is misshaped and where it is. I talked to Van's Aircraft about this. Their position is on skins it is not very critical. On heavy structural members like stabilizer attachment brackets it is much more important. Makes sense! He also volunteered that Alcoa had a guideline for this issue. They said that if you can see any of the hole, the rivet should be replaced. Sounds like a workable guideline, however I have never seen one that bad by any of our homebuilders.

So as usual, make your own judgment – it's your airplane. Hopefully these notes will add a little information to help with your judgment. By the way, I have seen a lot of golf clubs come out of Wichita!

Chapter Classifieds

Chapter 227 Historic Relic for Sale

The service cart in the picture (right) was put together by Dallas Aldridge, one of the founders of EAA Chapter 227. The Taylor Monoplane that he built and flew for many years can be seen at the Grout Museum. Dallas was a great guy and had a wonderful sense of humor. He was one of those people that made you feel important when they talked to you. After Dallas quit flying Mike Lewis ended up with the cart, which he used for a number of years. When Mike cleaned out his hangar, he turned over custodianship of the cart to me (Warren). I don't have a use for the cart any longer, so I'm donating it to the chapter. I'm thinking someone in the chapter could probably make good use of it, so I'm planning to have a silent auction at one of our meetings. In the meantime, contact me if you would like to inspect the cart and we can arrange a time. Call Warren 319-277-2118.



Used Garmin 196 for Sale

Includes everything in the picture (left) which is everything that came with it when new. In the original box. Excellent condition - looks almost new! Asking \$150.00.

Call Chuck Rottinghaus
319-269-3182.

Miter Saw, Delta 10"

Excellent condition - \$50.
Call Warren 319-277-2118.

Whether you are looking to sell something or looking to buy,
please send you classified ad to chris@cfu.net.

And be sure to let me know when it sells!

NEWSLETTER INFORMATION

If you have an article, picture, or anything else you would like to share in a future newsletter, please contact:
Chris Roberts
507 Chateau Court
Cedar Falls IA 50613
c) 319-240-8128
h) 319-277-8128
chrisr@cfu.net

Visit our website:
eaa227.com

Do you have anything aviation related that you would like to sell? Please let us know so we can include items in our new
CLASSIFIED ADS

EAA CHAPTER 227 LEADERSHIP

Executive Officers

President	Warren Brecheisen	n146wb@cfu.net	319-277-2118
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Executive Officers	See Above		
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