

Tower Talk

John Livingston Chapter

October 2014

Upcoming Events:

October Chapter Events

- **4 - Saturday, 8:30:**
Breakfast, Cedar Falls Family Restaurant
- **21 - Tuesday, 6:00:**
Soup, Salad & Chili Dinner, Livingston Hangar

October

- **6 - Monday, 7:00:**
FAA Safety Seminar
Real World Weather,
Clarion Hotel & Conv. Ctr.
Cedar Rapids
www.faasafety.gov

October Fly-Ins Schedule:

www.flyins.com

Iowa DOT Calendar:

www.iowadot.gov/aviation

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Runway Zero

by Warren Brecheisen, Chapter 227 President

As has always been the case, we had a very successful fall Young Eagles Rally this year. Even though the weather threatened to dampen the proceedings (literally), Mother Nature came through with just enough of a good weather window to enable flying all of those that came to the airport to get a ride. I did not attend the pilot briefing, since I wasn't flying, but I understand it went exceptionally well. All the right questions/issues were discussed, putting everyone on the same page and making for efficient (read that safe) handling of the flights. This was the first time I had served as a runner. I enjoyed the experience and it enabled me to understand how that part of the process works. A big thanks to Matt and Rebecca Evers for organizing a successful rally.

We have had a very active year in the chapter thus far, starting with the Young Eagle Rally in early May. In June, we hosted a very successful B-17 visit and had a great potluck at the Rottinghaus's. Last month (August), of

course, was the Thunder in the Valley Airshow, where we managed a small profit on our flight breakfast, parked transient airplanes and had a great display of our aircraft. This gave us some good visibility within the community. Then we had our second YE Rally as mentioned above. On top of all this, John Bender continues to have pop up fly outs as well as organizing us to attend fly ins as group. He is always striving to get us to the best of the best fly ins. This has been going on all summer. Whew, we've been busy and we've had lots of fun doing all this stuff! We've also picked up new members and that's great. In October, we have our fall potluck.

I want to ensure that we continue to move forward, so I have a challenge for you as a Chapter 227 member. I want to make sure that we continue to grow the chapter and find new, innovative ways to promote EAA and general



aviation. My challenge is simply this: What do you want Chapter 227 to be in the future and how do we get there? Many of you have likely had thoughts like "why don't we do that" or "wouldn't this be cool". Now is the time to put forth your idea(s). Perhaps it's your vision of what the perfect chapter should be or maybe it's an idea for a project. How about writing down an idea or two and sending them to me right now while it's fresh on your mind.

We are going to try something a little different for our annual fall potluck (formerly chili supper) this year. The fellowship is always great at this function, however I heard a number of comments at last years' function that we need to broaden the menu.

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Runway Zero from page 1

**“Let’s fly
somewhere!”**

It’s kind of gotten to the point where we mostly have only chili and deserts. While tasty, it’s not very balanced from a diet (or palate) standpoint. I would like for us to think of it more as a soup, salad, sandwich and desert potluck than strictly a chili supper. The soups wouldn’t all necessarily be chili, although that would be fine. Elsewhere in the newsletter you will see an “advertisement” for the fall potluck with some suggestions of what you might bring. Marty Hoel has been working to get us a pro-

gram and I’m sure it will be something interesting. The potluck will be on the 21st of October.

I was interested to see that our advocacy people at EAA are working with FAA to write a consistent policy on hangar use at airports that use FAA funds. Apparently, FAA officials have not been consistent in various regions of the country concerning what people can do in their hangars. This goes beyond the storage of airplanes and gets into things such as storage of non-aviation items and airplane

building, final assembly and maintenance. It appears that EAA is pushing for a policy that would enable hangar usage pretty close to what we have been doing in Waterloo, especially recently with the push to ensure that the primary usage is airplane storage. Be sure to contact Sean Elliot, or his staff, if you have specific thoughts on this topic.

Let’s fly somewhere!

Warren Brecheisen
President,
EAA Chapter 227

**For more
information
contact**

**Rich Shepherd
or
Dave Dunn**

COME IN OUT OF THE COLD and join EAA 227

For Our Annual

SOUP, SALAD & CHILI DINNER

**Tuesday, October 21st – 6:00PM
Livingston Aviation Hanger**

*Come Reminisce & Celebrate
Our Clubs Great Achievements & Fun Activities
From This Past Year!*

BRING TO SHARE (YOUR CHOICE OF):

- A DELICIOUS HOT SOUP
- SOME TASTY SANDWICHES OR BREAD
- YOUR SECRET HOME RECIPE CHILI
- A COLD SALAD
- YOUR FAVORITE DESSERT

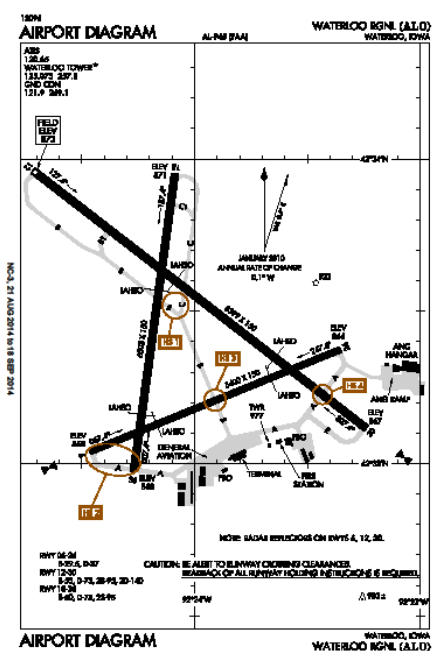
The chapter will provide hot & cold drinks, table service & deco!

FAA Safety Seminar with ALO Controllers by Dave Roberts



On Tuesday September 16th the FAA Safety Team led by the Des Moines FSDO's Chris Manthe and two members from the KALO tower facility presented a program entitled "Pitfalls for Pilots" at the Waterloo Airport. The controllers addressed problems and concerns they see in their daily contact with pilots. Runway incursions are still one of the most significant problems for the FAA and the two controllers discussed the hotspots at Waterloo.

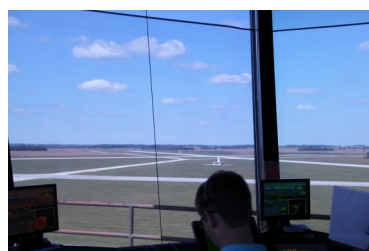
The following is a diagram that depicts these hotspots in order of severity. Click on this link to enlarge <http://www.eaa227.com/Newsletters/KALO%20Hotspots.pdf>. Notice that the number one problem area is the Y at the bravo/charlie area as they intersect with runways 12-30 and 18-36.



Next, the controllers answered questions and concerns that those in attendance expressed.



And for the encore, we all headed over to the tower facility for a tour of both the radar room and the tower cab. An enjoyable and informative evening was had by all in attendance!



“...we all headed over to the tower facility for a tour...”

September Meeting Program: Renee Plassman, EAA Air Academy Camper

After the September 23rd meeting, Renee Plassman shared her experiences as an EAA Air Academy camper. Renee spoke of the activities, her discoveries and new friendships using a power point presentation which she had created. She also showed us a wing rib that she had fabricated. Chapter 227's Young Eagles credits helped to fund Renee's tuition. Thank you, Renee for a fun evening. We're excited you had a great experience at camp.



“It was way fun!”



September Fly-Ins & Fly-Outs

Carroll - September 7th from John Bender

6 people I knew flew to Carroll for their fly-in. LOTS of people there. Planes were coming and going all morning. Super flying and weather. The RV-8 is a friend from Lincoln, Neb.



Stanton to Blue Earth MN - September 14th from John Bender

Sunday several of us flew to Stanton, Mn. for a great breakfast. MANY planes there. We left there and flew to Blue Earth for their fly-in lunch. Had a small air show with 3 T-6's flying by and a few maneuvers. Great lunch there. Several friends from Wisc. and Mn. flew in to both, so I was able to spend time with them also. Richard Shepherd flew with me. He seems 2 levels above excited to be along! When I got home, the wife and I drove to Cedar Falls to watch a grandson play a football game at 5:15 in the Dome. SUPER DAY!



Allison Aviation Day - September 18th from John Bender
 SUPER DAY TODAY at Allison! Gary, Jim & I flew in and contributed to the day. 6th graders are pictured.



Lone Rock WI - September 25th from Chuck Rottinghaus

John Bender and I went on a last minute trip to Lone Rock, WI for lunch today. It was my first time there and the food was as good as John assured me it would be. The restaurant "Piccadilly Lilly" is located right on the airport. The restaurant is open seven days a week from 6:00am till 2:00pm. Many locals come to the airport to eat so it is a busy place with all the fly-ins that come too.



Grinnell Fly-In Breakfast - September 27th from John Bender

Brian flew his 140 Cessna down and I think I heard Bill S. landing when I was half way home. I also saw 2 other guys I knew while there.

**Boscobel WI Fly-In Breakfast - September 28 from Chuck Rottinghaus**

This is a picture of Chicken Ridge in Clayton Co. surrounded by fog. It was taken on the way up to the Boscobel, WI fly-in breakfast. There were a half dozen or so pilots from our chapter up there.



Boscobel WI Fly-In Breakfast - September 28th from John Bender



TECH NOTES - TAP TAP *by Mike Lewis*

“A good spiral tap...can make all the difference in the world.”

Probably most homebuilders today will not have to tap threads in anything. If you are scratch building rather than kit building you may. So this trick is probably useless for most of you, but it is so neat I just had to share it.

If you have tapped very many holes in your life, you have probably broken a tap. The broken end stays wedged in the work piece, often times ruining the piece. Sometimes you can break up the tap remnants and get them out. Often the hole will be damaged. Sometimes the hole can be repaired with a threaded insert (Heli-coil). If your part that you were tapping into is aluminum, there may be a better way.

I discovered that a solution of Alum, available in the canning department of the grocery store, in water can be made to etch the broken tap out of the part. I used about three cans of alum in a two quart sauce pan. You need to heat the solution to something in the neighborhood of 160°F - 180°F. Submerge the part with the broken tap in this solution and soon you will notice small bubbles coming out of the hole with the broken tap in it. The solution is eating away at the steel tap, while not damaging the aluminum. Obviously it would be pretty tough to do this on a wing spar, but perhaps a small mounting bracket or something. The process is not fast, but a broken tap

can be removed this way without damaging the hole. I understand nitric acid will also work without the need to heat the solution.

If your broken tap is in steel – lots of luck! Look for someplace with an EDM tap burner.

While talking tapping, there is one more thing that will greatly reduce the probability of breaking a tap. Buy a good tap! A good spiral point tap (sometimes called gun taps) can make all the difference in the world. These are probably not available at the corner hardware store- check McMaster-Carr, Enco, Msc or other industrial houses.

The Safety Checklist *by Dave Hummel*

“...safety tips designed to help keep everyone safe in the air.”

Tower Talk begins a series of articles by Dave Hummel, CFI, CFII & MEI. “The Safety Checklist” will include safety tips designed to help keep everyone safe in the air.

Being a CFI, I have people wanting to learn to fly and reviewing with pilots during flight reviews what are the requirements to remain current as a private pilot? (14 CFR 61.56, 61.57).

a. Accomplish a flight review (biennial) given in an aircraft for which that pilot is rated

by an appropriately rated instructor within the preceding 24 calendar months.

b. To carry passengers, a pilot must have within the preceding 90 days:

I. three takeoffs and three landings as the sole manipulator of the flight controls of an aircraft of the same category and class and, if a type rating is required, of the same type.

II. if the aircraft is a tail wheel airplane, the landings must

have been made to a full stop.

III. If operations are to be conducted during the period beginning 1 hour after sunset to 1 hour before sunrise, with passengers on board, the pilot-in-command must have, within the preceding 90 days, made at least three takeoffs and three landings to a full stop during that period in an aircraft of the same category, class, and type (if a type is required) of aircraft to be used.

Visit eaa227.com to find:

- Upcoming Events
- Newsletters - Current & Past
- Young Eagles Information
- The Tool Box
- Cool Aviation Links - Including Fly-Ins & Fly-Outs
- How to Join 227
- For Members Only (Membership Roster, Meeting Minutes & Bylaws)

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.



FOR SALE:

Sensenich 70CM7S9-0-80 fixed pitch metal propeller
Tips slightly curled - \$1500 OBO
Call Warren 319-277-2118

Whether you are looking to sell something or looking to buy,
please send you classified ad to chrisr@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:
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507 Chateau Court
Cedar Falls IA 50613
c) 319-240-8128
h) 319-277-8128
chriss@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

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Experimental Aircraft Association Chapter 227 publishes Tower Talk for the use education and enjoyment of Chapter members and others to whom it is provided. Chapter and national events, news of members, member projects, activities and general aviation items of interest to the membership are included. Editorial content is the opinion of the contributor and does not necessarily reflect the position of Chapter 227 or EAA and no claim is made for technical accuracy of material presented. Meetings are normally held the third Tuesday of each month in the Airport Conference Room. Please contact any officer for information about Chapter activities.

