# Chapter 227 TowerTalk

**John Livingston Chapter 227 ✈ Waterloo, Iowa** **March 2002**



**Newsletter Editor: Penny Dunham** **Phone: 319-235-7438** **Email: chapter227towertalk@yahoo.com**


## Calendar of Events

Program Director: Krista Nelson

Home: 319-266-1929 Email: knelson22@hotmail.com

**March 7: FAA Safety Seminar**
Hawkeye Community College - 6:30 pm

**March 10: Chili & Soup Fly/Drive In**
Osceola, Iowa - 9:00 am to 1:00 pm

**March 21: Chapter 227 Monthly Meeting**
Chapter Meeting Room - Waterloo Airport Terminal - 7:00 pm
Program: Les Rasich will do a presentation on weather phenomena from the perspective of a corporate pilot.

**April 6: Saturday Morning Breakfast**
Wader's Restaurant - Waterloo Airport - 8:00 am

**April 7-13: Sun 'N Fun EAA Fly-in**
Lakeland, Florida
For more information go to: http://www.sun-n-fun.org

**April 13: Chili fly-in**
Fort Dodge Airport: Fort Dodge, Iowa
10:00 am – 2:00 pm
*Rain Date: April 14

**April 19: Chapter 227 Monthly Meeting**
Chapter Meeting Room - Waterloo Airport Terminal - 7:00 pm

**May 4: Saturday Morning Breakfast**
Wader's Restaurant - Waterloo Airport - 8:00 am

**May 16: Chapter 227 Monthly Meeting**
Chapter Meeting Room - Waterloo Airport Terminal - 7:00 pm

**May 18: Flight Breakfast**
Desoto, Iowa - 7am to 10:30 am

**May 18: Flight Breakfast**
Cherokee, Iowa - 7am to Noon

**June 1: Saturday Morning Breakfast**
Wader's Restaurant - Waterloo Airport - 8:00 am

**June 1-2: EAA Family Flight & Balloon Festival**
EAA AirVenture Museum - Oshkosh, Wisconsin

*Check website for updates and expanded calendar of events.*

# Let's Go Skiing!

*Jim & Glenda Salyer's J-3 Cub on skis*

Jim Salyer found and rebuilt a set of old skis for his 1946 J-3 Cub. While most of the flyers in the Chapter were enjoying the lack of snow this winter, Jim was waiting for some to try out the new skis. He finally got his chance when we had our first snowfall at the end of January. Snowfall has been limited since so Jim has only been able to get out a few times.

For updates on some other projects going on in our Chapter, check out page 4. ✈

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# President's Notes

*Randy Dunham (EAA Chapter 227 President)*
eaachapter227@yahoo.com

At the February meeting we discussed the location of Chapter tools. A list of all the tools and location will be prepared to make it easy for Chapter members to get them to use. More on this later.

It will be spring in less than a month – which means we'll have a couple of months of weird weather. Some days will be great and others will be crappy. Hopefully all of the grass strips will dry out quickly this year. I've been hangared at a concrete facility for several years now. I remember flying out of Nichols late each winter before the thaw and keeping my plane in Waterloo, until things dried out. One year it was well into May before I could get back to my home field.

Dates have been set for a number of Fly-in breakfasts in Wisconsin, Iowa and Minnesota for this year. They help me get out of bed on Sunday mornings and spend $100 or so to eat breakfast. It sure is fun to fly out and see other aviators from all over the tri-state area.

A few noteworthy breakfasts include Mason City on June 2nd, Dodge Center, MN on June 16th and Traer on July 21st. Some of the breakfasts are put on by EAA Chapters and it would be a nice gesture to try and give them support by having a good turnout from Chapter 227. The calendar of events will keep you updated on all of the latest fly-ins.

Ann Campbell would like to have Young Eagle Pilots fly a few kids after our first Saturday Breakfasts each month, whenever the weather cooperates. If you would like to participate, we can plan something for April.

Penny and I plus a few others from the Chapter will be going to the Chapter 33 Ladies Night on March 1st. The guest speaker is EAA founder Paul Poberezny. It should be a very enjoyable evening. ✈

## NEWSLETTER INFORMATION:

EAA members who would like to be added to our mailing list, contribute items to the newsletter, or let us know of corrections to previous newsletters please contact the Newsletter Editor.

**Newsletter Editor:** Penny Dunham
**Address:** 230 Gayle St, Waterloo, IA 50701-1812
**Phone:** 319-235-7438
**Email:** chapter227towertalk@yahoo.com

# Secretary's Report

*Keene Petersen (EAA Chapter 227 Secretary)*
keeneflyer@yahoo.com

We had another good turnout of forty-two people for the monthly Saturday breakfast February 2nd at Wader's. The members present voted to approve the 2002 budget.

Our regular business meeting was February 21st at Livingston Aviation's shop. We had 17 people present including guests. Old business covered included Young Eagles and insurance updates. New business included EAA approval of Mel Hemann as a flight advisor, committee appointments and the EAA Chapter Sweepstakes Contest (see page 5 for more information on the sweepstakes).

Following the meeting our Tech Advisor, Mike Lewis, did a program on working with aluminum. Warren Brecheisen followed with tips from his toolbox (see story on page 5). ✈

# Treasurer's Report

*Matt Evers (EAA Chapter 227 Treasurer)*
matthewevers@mchsi.com

We will publish quarterly reports on our Chapter's financial status. The first quarter report will appear in the April newsletter. If you have any questions about the Chapter budget or financial status, contact Matt Evers at the above email address or by phone at: 319-233-5083 ✈

# Newsletter Editor's Comments

We took an informal poll at the February breakfast about whether to leave the Calendar on the front page of the newsletter. Everyone present liked having it on the front as they could see first thing what events were coming up. As always, I am trying to fine-tune the appearance of the newsletter. I would welcome any comments and suggestions on the content and layout. You can contact me by any of the means listed in the Newsletter Information section to the left.✈

**Our Program Director, Krista Nelson, would welcome any suggestions you may have regarding program ideas for upcoming meetings and events. Please contact her at:**

**Phone: 319-266-1929 Email: knelson22@hotmail.com**

## New Members

We would like to welcome Steve Palmquist & his wife Kathy to our Chapter. Steve sent the following information to share with all of you.

I'm a new member to your chapter. I just joined after the February Saturday breakfast. Everyone was kind and friendly and made me feel welcome. I've been an aviation enthusiast most of my life. When I was a kid on the farm, I dreamed of being an astronaut. I even applied for the "Teacher in Space" program in the Eighties.

When my son joined the Civil Air Patrol in 1986 he recruited me into the organization and re-kindled my interest in aviation and aerospace. He remained a cadet through his high school graduation, but my C.A.P. membership has continued through today. I've achieved the grade of Lieutenant Colonel and even served a year as Iowa Wing Vice Commander. I served Iowa Wing as Director of Aerospace Education for twelve of those years. I attended three National Congresses on Aviation and Space Education (NCASE) and have escorted cadets to three foreign nations: France ('89), Israel ('94), and Japan ('99). In C.A.P. I have served as an aerial observer, so I earned my wings, but not as a pilot. I decided quite a while back "to leave the driving" to someone else, although I can contribute positively to a cockpit crew.

I'm a career teacher of English, Speech and Theatre with thirty-one years on the job. I've been teaching at Waverly-Shell Rock High School for the past twenty-five years. Although I don't direct plays, musicals and contest speech anymore, I did that for most of my teaching life. Both of my kids caught the theatre bug from me. My son Jason administers the several dance programs at the Kennedy Center for the Performing Arts in Washington, D.C. and my daughter Melanie is a publicist for the Los Angeles Philharmonic. My kids are pretty good about visiting me, but for me to visit them it's "coast to coast." My wife, Kathryn Nuss, is Human Resources Director for Omega Cabinetry. We've been together since 1992. Her daughters are Erin & Nina Kollenkark. Erin is a freshman in Art at UNI and Nina is a freshman at Waverly-Shell Rock.

Steve and Kathy's address is:
1731 2nd Ave NW, Waverly, IA 50677

**For more information about the Civil Air Patrol contact:**

Robert Toenjes
Phone: 319-352-3321 or rbtengr@netins.net

Steve Palmquist
Phone: 319-352-2068 or palmquis@waverly-shellrock.k12.ia.us

## New Flight Advisor

Mel Hemann has met the EAA eligibility requirements and is now a registered Flight Advisor. Mel can be contacted at:

Phone: 319-266-3889
Email: N298MH@aol.com

## Aviation Links

**Aviation Medical Examiner Search**
http://ame.cami.jccbi.gov

**AvKids**
http://www.avkidscom/hangar

**National Air and Space Museum**
http://www.nasm.edu

**US Air Force Museum**
http://www.wpafb.af.mil/museum/index.htm

## BrainTeaser

**She was the fourth woman in the United States to earn a pilot's license. She, along with her brother and sister, founded a flying school, but she did not teach. She raised money by stunt flying. As part of the Montana State Fair in 1913, she became the first female pilot to carry U.S. mail. A few years later, 25,000 people attended one of her acrobatic shows in Tokyo. She and her siblings were part Cherokee Indian. She was:**

a. Mickey Akeley

b. Hart O. Berg

c. Harriet Quimby

d. Katherine Stinson

e. Amelia Earhart

*Answer on page 7*

### Interesting……?

A recent poll concerning the high cost of general aviation flying had a few interesting responses like:

"If everyone could afford to fly, enormous changes would have to take place to efficiently manage all those aircraft in the sky at once." ✈

## John Peacock's Mustang II

*Mustang II wing building in progress*

Last month's newsletter had a photo of John Peacock's Mustang II waiting for its wings. John has been busy working on them since then and they are progressing along nicely. John related a story about the long period of time it took him to get the engine. Among the many delays that occurred, the engine was lost during shipping! ✈

# Project Updates

Doug Mattson continues work on his Zodiac 601XL and is currently trying to get hold of a Honda engine.

Warren Brecheisen has been working on the panel and avionics on his RV 6. We will have a chance to view his progress at one of our upcoming meetings.

Robert Toenjes has been working on the restoration of a 1942 Boeing Stearman.

Tom Barter is building an Avid Magnum. We will also have a chance to check his project out at a future meeting.

Watch the Calendar of Events in the newsletter and on our website at www.eaa227.org for the dates of the meetings Warren's and Tom's places. ✈

**Note from the Editor:**

We would like to know what you are building and how your project is coming along. Call me at 319-235-7438, email me at chapter227towertalk@yahoo.com or catch me at a meeting to let me know how things are going. We all like pictures, so any photos you would like to share would be appreciated!

Penny Dunham
230 Gayle St
Waterloo, IA 50701-1812

## FLIGHT SERVICE STATIONS REMAIN CLOSED TO VISITORS

Don't expect to receive a face-to-face preflight weather briefing or file a flight plan in person at a flight service station anytime soon. An FAA security directive issued immediately after September 11, and still in effect more than five months later prohibits visitors at air traffic facilities, including all 61 FSSs. ✈

## EAA CHAPTER 227 ANNIVERSARY

EAA Chapter 227 celebrates its 37th anniversary this month. The Charter was issued March 4, 1965.

President Jim Lyon called the first meeting of the Chapter to order at 7:30 pm on Friday, March 19th at the Telephone Office. Minutes from the meeting showed a motion was made by Don Smock to cut off Charter membership at the April meeting. It was seconded by John Corrigan and passed. Another motion was made by Jack Prange that the April 16th meeting be held at the Municipal airport. It was seconded by Ken Satterly and passed.

Don Smock offered the use of his 16mm sound projector for future meetings. Dallas Alldredge told about the dinner at Cedar Rapids. Wally Jones talked about Dr. Lippish's ground effects machine. Progress reports were given on the Tuholer by David Scott, Dave Clay's sailplane and John Corrigan's Chief. A movie on flying a Piper Tri-Pacer was shown following the business meeting.

Jim Lyon is still a member of our Chapter and has been actively involved all thirty-seven of those years! ✈

# Young Eagles Report

The Young Eagles Office reports that the annual mailing of the Jaguar/Young Eagle Pilot credits has begun. The credit letters and credit certificates will be given to all Young Eagle pilots who flew 10 or more Young Eagles during calendar year 2001. The credit certificates can be used to help offset the cost of sending a young person to one of the EAA Air Academy Camps held each summer in Oshkosh. Complete details about the camps are included with the letters. Since our Chapter had multiple pilots who earned credits, the credit letters and certificates are being sent to our Young Eagles Coordinator, Ann Campbell. Remember, even if you don't have a young person in mind, your credits can still help others. You can transfer your Chapter's credits to another Chapter or return them to EAA Headquarters where they will be added to the general Air Academy scholarship fund. ✈

# Working With Aluminum

At the February meeting, Mike Lewis presented a very interesting and informative demonstration on aluminum aircraft construction. He explained the various aluminum alloys used, and the heat treatment and aging processes. The formability traits and the accepted uses for the different types of alloys was explained. He also discussed the alodining and alodizing procedures used to increase resistance to corrosion and improve the paint bonding qualities of the aluminum.

*Mike Lewis demonstrates riveting*

A demonstration of drilling, deburring, and the use of cleco's and rivet guns got the eighteen members present involved in some hands on experience. The proper techniques used for installing universal head and countersunk rivets was explained and demonstrated. Several members tried their hand at riveting with mixed results.

After answering several questions from builders, prospective builders, and just plain curious Chapter members Mike turned the program over to Warren Brecheisen. Warren opened up a fairly large toolbox and proceeded to pull out and explain the uses of several dozen useful tools and gadgets. His show and tell session included an assortment of bucking bars in all sizes, shapes and weights as well as a vast array of clamps, measuring devices, "hole alignment tools", shears, nibblers, files, fasteners, marking devices and other useful items - many of which were acquired over the last several years at the AirVenture Fly Market.

*Warren Brecheisen giving tool tips*

Thanks to Livingston Aviation for the use of their Maintenance Shop for our February meeting. A special thank you to Mike and Warren for an informative and entertaining program, and to Krista Nelson for making the coffee and bringing the goodies for us to snack on. ✈

## Old Sectionals Collection

Quite a few years ago there was someone in our club who collected old sectionals. If anyone is interested, Miles Humphrey has them. There are about 20 charts from the years 1944 and 1945 of the eastern and southern United States and a few current era charts. They are in reasonably good condition considering their age and use. For more information, you can contact Miles at:

Phone: 319-346-1591
Email: miles-n-kate@forbin.net

## EAA Chapter Sweepstakes Contest

EAA is running a contest to help promote this year's Aviation Sweepstakes. EAA sent us 200 Sweepstakes tickets and is asking Chapters to get involved by requesting a $1 contribution for each ticket. The great part is that they will give the person who sells the most tickets in each Chapter an EAA Aviation Foundation "Vision of Eagles" jacket (a $500 value)! All participating Chapters will be entered in a drawing for a 27" color TV and VCR. The top-selling Chapter will be awarded a BOSE stereo system.

One lucky person in this year's Sweepstakes will win a newly refurbished Piper Cherokee with state-of-the-art avionics. There will also be several other great prizes.

All the proceeds from the Sweepstakes are used to fund programs. The contest runs thru June 1st of this year. Remember, aviation is a winner because you are spreading the message about EAA's work for nearly 50 years in protecting the right to fly, providing access to the dream of flight, preserving the heritage of flight and preparing the future of aviation through our educational programs.

For more information about the Sweepstakes or to get tickets to sell, contact Randy or Penny Dunham at 319-235-7438 or by email at: eaachapter227@yahoo.com

AIR ACADEMY
EAA

## On Vacation

The Campbells - our Young Eagles Coordinator Ann & Membership Chairman Carl, will be away in March. If you need any information about Young Eagles or Chapter membership contact:

**Randy or Penny Dunham:**
**Phone: 319-235-7438**
**Email: eaachapter227@yahoo.com**

## Fire Extinguishers For Your Aircraft

Fires on board an aircraft are not very common in general aviation. Should one occur on board an aircraft, immediate, decisive action on the part of the pilot is needed. Fire extinguishers provide an easy and effective method of dealing with most fires.

Halon is by far the best choice for aircraft. Their small size and weight allow them to be stored easily in your aircraft. Halon is not very toxic

Unfortunately, Halon is not in production anymore. Due to its harmful effects on the ozone, it has been banned from production in most industrialized nations. There is a stockpile and the FAA and other organizations are looking for alternatives that don't harm the ozone. These extinguishers are still available, just at a higher price than when Halon was still being produced.

The fire extinguisher should be placed in a readily available location. If possible, it should be placed where both the pilot and passengers can easily reach it. Do not put it in a location where you have to squeeze through or fumble around with other items. One does not want to waste time trying to find and release the extinguisher if it is needed in the cockpit.

Fire extinguishers are a must in any aircraft. They may be the quickest and only way of saving you, your passengers, and your plane in case of fire. Prevention is the first step to fire hazard elimination, but accidents do happen. Fire extinguishers are key to helping you get out of a "hot" situation. ✈

## *Sport Pilot Update*

A conference at EAA headquarters Feb 26th drew more than 125 representatives of the light sport aircraft industry. The conference was designed to help manufacturers achieve an understanding of the requirements to certificate and sell aircraft under the provisions of the NPRM.

EAA headquarters is advising all members wishing to comment on the NPRM for the Sport Pilot to do so via electronic means. All mail to the FAA is delayed by as much as four weeks, since it is sent to Ohio for irradiation against anthrax and then returned to the agency for distribution.

More information is available at www.sportpilot.org and http://faa.gov/avr/afs/sportpilot/index.cfm.

We will gladly provide members without internet access copies of the information available from EAA and the FAA. Just contact Randy Dunham at:
319-235-7438 or eaachapter227@yahoo.com

## March 10, 1966 - Pleiku Province, Vietnam

It was in March, thirty-six years ago, that Major Bernard Fisher became the first Air Force Medal of Honor winner during the Vietnam War.

*Major Bernard Fisher and Major Wayne Myers*

He was flying a Douglas A1-E Skyraider in support of a Special Forces camp under attack by more than 2000 NVA. During the battle, another A1-E flown by Major Wayne Myers was hit by ground fire and crash-landed on the battle-torn airstrip near the camp. Myers was seriously injured and in imminent danger of capture, so Major Fisher elected to land and rescue him. While other aircraft strafed the area he landed and taxied nearly the full length of the runway, which was littered with battle debris and parts of an exploded aircraft. He loaded the downed pilot into his aircraft and in the face of withering ground fire applied power and gained enough speed to lift-off at the overrun of the airstrip.

*Major Fisher's A1-E on display ant the USAF Museum*

The intense enemy ground fire resulted in nineteen bullets striking his Skyraider. He would later give much credit to his maintenance crew. Earlier in the day he had noted on the Air Force Form 781 (maintenance record and flight log) – "This is the cleanest airplane I've ever flown" He said that on that day "I just beat the tar out of it – but if it hadn't been in such good shape I wouldn't have made it." The plane flown by Major Fisher on that mission later suffered severe damage in combat during 1967 and was returned for preservation by the USAF museum. The Douglas A1-E SN 52-132649 is now on display at the USAF Museum. ✈

# Aviation Days Gone By

## March Aviation Firsts:

**First Commercial flight school** - March 19, 1910
Orville Wright opened the first Wright Flying School at Montgomery AL. (Site later become Maxwell AFB.)

**First Airplane to receive an ATC** - March 1927
A Buhl-Verville J-4 Airster proudly wore Approved Type Certificate #1.

**First Non-stop global flight** - Mar 2, 1949
Boeing B-50A *Lucky Lady II* of the 43rd Bomb Group (Capt James Gallagher, Lt Arthur Neal) flew 23,452 miles with four aerial refuelings, departing Carswell AFB TX, and returning there 94 hours and one minute later. For this the fourteen-man crew became the first USAF recipients of the Mackay Trophy.

# Aviation History in Iowa

Glider flight had been proven practical by German and American engineers. In 1898, Carl Sterling Bates, a 14-year-old from Clear Lake, built and flew the first man-carrying glider in Iowa.

*Carl Bates stands in front of the first man-carrying glider in Iowa.* ✈

## The Woodchopper's Ball

The P-47 was a rugged airplane, without a doubt. During the Battle of the Bulge in 1944, German Field Marshal von Rundstedt had hidden a munitions dump in the woods of the Ardennes. P-47s were called upon to destroy it, but they couldn't find it because of the thick trees. What did the frustrated pilots do then? They flew through the tops of the trees! Pratt & Whitney's representative in Europe, Martin Graham, was there not long afterwards. "You could see by the shattered trees and the torn branches where the P-47s had gone through. You'd have to see it to believe it. Those crazy kids couldn't see what was hidden from above, so they went right into the forest to find out. They cut a path right through the top of the woods. They said every plane that went in and chewed out the tunnel came out — flying, too."

(*From The Pratt & Whitney Aircraft Story*) ✈

## FAA Safety Seminar

The FAA Safety Seminar "In Pursuit Of Compliance; FAR Part 43" will be held March 7, 2002 (6:30 pm) at Hawkeye Community College. For more information contact:

**Joe Quiring**, Airworthiness SPM at 1-800-728-7250
**Mike Connell** (Connell Flying Service) Decorah, IA at 319-382-8338. Phone: 319-346-1591
Email: miles-n-kate@forbin.net

## Colonel Francis "Gabby" Gabreski

We recently lost another World War II flying legend. America's greatest living Ace, Francis "Gabby" Gabreski, passed away in January. He scored 28 air victories flying the P-47 Thunderbolt during WW II. In July of 1944, after surpassing Eddie Rickenbacker's WW I record, he was to go home on leave. As luck would have it, he got permission to "fly just one more", and the mission ended in a crash landing. Gabreski spent the rest of the war as a POW.

He flew F-86 Sabre jets during the Korean War and was credited with 6.5 kills, making him one of the few Aces of two different wars.

Gabby attended a few Air Venture's in recent years and was featured at an Ace's reunion at the Theater in the Woods. Those of us who had a chance to see him at Oshkosh always enjoyed the stories he had to share. ✈

## Charts and Directories

We will be receiving Iowa aeronautical charts and airport directories from the Iowa Department of Transportation sometime next month. We will let you know when they arrive and put them in the meeting room for anyone who would like one. We will also be receiving copies of an Aviation Activity Book. These will also be available in the meeting room for anyone who would like to hand them out when giving Young Eagle flights. There are also Young Eagle registration forms and certificates in the room by the computer if anyone needs them. ✈

***Brainteaser Answer (from page 3):***

d. Katherine Stinson

*In 1913 she flew the mail from the Montana State Fairgrounds to downtown Helena.* ✈

## CHAPTER 227 OFFICERS, DIRECTORS AND COMMITTEE MEMBERS FOR 2001

| | | |
|---|---|---|
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Experimental Aircraft Association Chapter 227 publishes TowerTalk for the use, education and enjoyment of chapter members and others to whom it is provided. Chapter and national events, new of members, member project 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 the EAA and no claim is made for technical accuracy of material presented. Submissions for publication in the TowerTalk are encouraged and should be sent Newsletter Editor, Penny Dunham at 230 Gayle St, Waterloo, IA 50701-1812 (or send by email to chapter227towertalk@yahoo.com). Meetings are normally held on the third Thursday of each month; meeting places vary and are announced in this publication. Please contact any officer for information about Chapter activities. Annual membership dues are $15 for individuals and $20 for family. Chapter members must be members of the Experimental Aircraft Association. For more information contact Membership Chairman, Carl Campbell at 234-2294 or by email at joinchapter227@yahoo.com. ✈


**Chapter 227 TowerTalk**
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**We encourage everyone to attend our breakfasts, meetings or other events. Whether you are a Chapter 227 member, belong to another Chapter or just like aviation - come join the fun!**