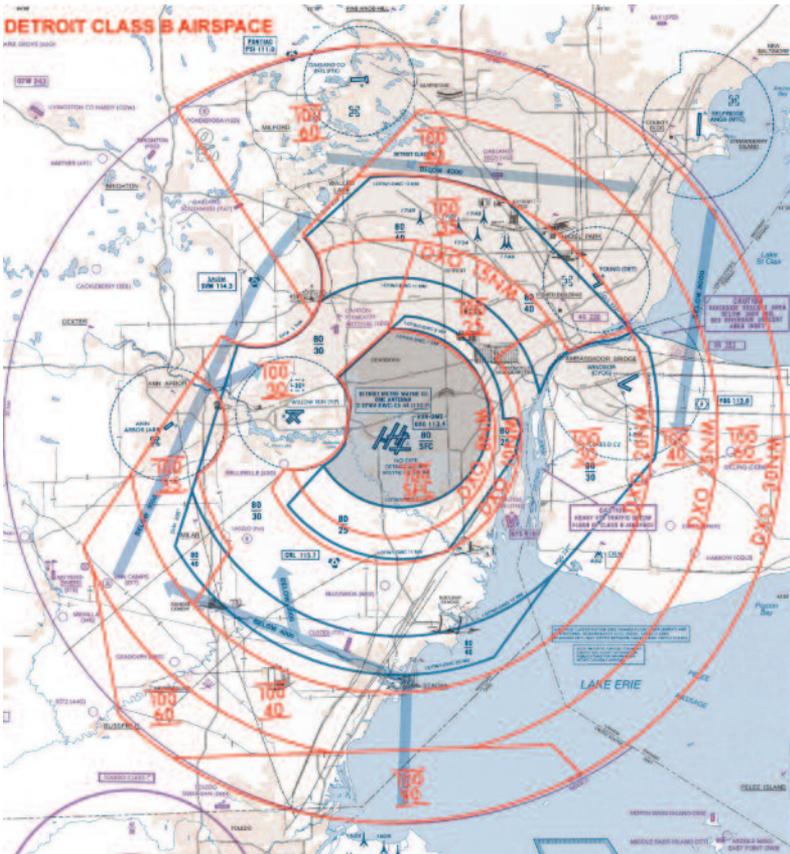


EAGLE'S PROPWASH



February 2014 Issue
CHAPTER 113
"The Backyard Eagles"



Our Web Site: www.113.eachapter.org EAA113@yahoo.com

Meetings: 7:30 PM the 3rd Thursday of each month at the

EAA 113 AVIATION EDUCATION CENTER

Mettetal Airport (1D2) 8550 Lilley Road, Canton, MI

Member Services

Class I Board of Directors:

President: John Maxfield (248) 890-6767

Vice President: Shahar Golan (248) 767-6630

Secretary: Debbie Forsman (734) 397-3452

Treasurer: Grant Cook (734) 223-2688

Class II Board Members:

Al Bosonetto (734) 261-5518

Bill Brown (734) 420-2733

Dave Buck (734) 453-5375

Lou Lambert (734) 207-7986

Mike Scovel (734) 462-1176

Library: Barb Cook (734) 277-3469

Newsletter: Elizabeth Hebron (734) 776-9294
liz.hebron@gmail.com

Class III Board Member:

Tom Smith (734) 459-9654

Membership Committee:

Roster: Mark Freeland (248) 212-9666

Dues: Grant Cook (734) 223-2688

Technical Counselors:

Randy Hebron (734) 326-7659

Dan Valle (313) 539-9818

Flight Advisors:

John Maxfield (248) 890-6767

Dan Valle (313) 539-9818

Scholarships: Jim Trick (517) 546-3944

Elizabeth Hebron (734) 776-9294

Young Eagles/Eagle Flights:

Debbie Forsman (734) 397-3452

Dave James (734) 721-4213

Refreshments: Joe Griffin (734) 455-3107

Webmaster: John Maxfield

webmaster@eaa113.org

Aviation Center Management Committee:

Al Bosonetto (734) 261-5518

Dave Buck (734) 453-5375

Bill Brown (734) 420-2733

Bob Skingley (734) 522-1456

Chapter Mission Statement

“EAA Chapter 113’s major focus is on the relationships with people who have diverse aviation interests, centered around their love of flight, fellowship, learning, and fun. Chapter members have a passion for flying and are willing to share it with others. Chapter 113 provides the opportunity for exchange of information, as well as the interaction that leads to friendships that last a lifetime.”

Board

“The Board of Directors are to provide both advice and assistance to the chapter officers on an ongoing basis.”



PRESIDENT'S PODIUM

John Maxfield (248) 890-6767

avee8rrr@yahoo.com

February 2014

I've lived in Michigan my whole life so no stranger to snow and cold, but this winter's weather is certainly giving us one to remember. I just returned from a week with EAA's Ford Tri-Motor in Jacksonville Florida where it felt more like Michigan with low temperatures in the twenties and highs only in the thirties. I packed my bag as if I were going to Jackson, Michigan and longed for engine heaters for the three Pratt and Whitney radial engines every morning. On my last day there, I was faced with the need to wait for weather to clear along my intended flight path going south, while I was in perfect weather in Jacksonville. It reminded me how hard this decision can be, and how easily one could find themselves facing IFR conditions in a VFR airplane, a very difficult situation indeed! As it turned out, my three and a half hour wait resulted in a pleasant flight down the Florida coast. I trust you'll do the same when conditions warrant.

I wondered about conditions at Mettetal Airport but upon my return I found it well plowed and ready for use. The resulting snow piles are sure to please the kids at this year's Pancake Breakfast in June. We owe a big Thank You to the volunteer assistant managers for their dedication to Mettetal Airport. I'm proud to share with everyone that they are all active Chapter 113 members.

By the time you read this our Frost Bite Chili Fly-In will be a memory but other aviation events are still to come. The Great Lakes Aviation Conference and Expo is scheduled for February 14th and 15th at The Lansing Center in Lansing. It's a great place to see your favorite aviation suppliers in a warm relaxed atmosphere and attend seminars you may have missed elsewhere. It's also scholarship season. We're collecting applications for this year's Chapter 113 scholarships for those in aviation related studies or flight school.

Dinner and a movie return to the EAA 113 meeting room on March 7th. Join us for Dinner at 6:30pm and stay for our last movie of this season, "Top Gun!"

Debbie Forsman is well under way planning this year's Chapter Awards Banquet on March 15th. She's putting together an entertaining evening with a delicious Chuck Wagon dinner, doors open at 6:30pm. Tickets are only \$25 per person through the February 20th meeting. After that, the price increases to \$30 and won't be available at any price after March 6th. Call Debbie to get your tickets or see her at any Chapter meeting or Saturday morning breakfast. You can also buy them on the Chapter 113 website by clicking the ticket icon and following the instructions. Western wear is strongly encouraged as you never know who will be coming "Out of the Blue of the Western Sky!"

Later in March, the 27th, our Chapter will be hosting a pilot safety meeting, presented by the Michigan DOT. Come out and learn "The Results of Pilot Deviations". In addition, there are advance copies of the new Detroit Class Bravo Airspace about. Stay tuned for updates to meetings addressing the airspace above us.

We would like to welcome 2 new members this month, Tom Harvey and Perry Di-Clemente. Tom flies a Cessna 206 based at Pontiac and Perry just purchased two trailers full of Wave Seastorm Z4 airframe parts and engines from Italy. Welcome to EAA Chapter 113!

At this month's meeting Lynn Towns will share pictures from Blakesburg, Broadhead, and Michigan Antique Fly-Ins. Stay up to date with EAA 113 at www.113.eeachapter.org and follow us on Facebook!

Happy Landings,
John Maxfield



PAULSON AVIATION & HISTORY *LIBRARY*

Barb Cook (734) 277-3469

barb@armipay.com

February 2014

WANT TO HEAR SOMEBODY ELSE'S AVIATION ADVENTURES?



SKY HIGH; Stories of Survival from Air and Space
edited by Clint Willis. Thunder's Mouth Press, 2003.
Shelf number 629.132 5214 WI

A baker's dozen of excerpts from some very famous aviators:

Kamikaze by Yasuo Kuwahara

-from *Fighting the Flying Circus* by Eddie Rickenbaker

-from *The First Men in the Moon* by H. G. Wells

-from *High Adventure* by James Norman Hall
(Lafayette Flying Corps)

-from *A Man on the Moon* by Andrew Chaikin
(Apollo disaster)

-*Maze and Aura* by Jack Turner
(wilderness flying)

-from *The Pilot's Tale* by Matthew Klam

WANTED

People to attend the

EAA 113's Annual Award's Banquet

Saturday, March 15, 2014

Eaa 113 Aviation Center

6:30 p.m. Gathering

7:00 p.m. Dinner

Tickets \$25.00 per person*

PRICE INCLUDES: ENTERTAINMENT,
AWARD PRESENTATIONS AND
CATERED MEAL, DESSERT, COFFEE AND SODA.

SEE DEBBIE FOR TICKETS OR INFORMATION
(734) 397-3452 OR DFORSMAN@WOWWAY.COM

*Ticket price will increase to \$30 after February 20th, 2014
With a final cutoff date of March 6, 2014.

REWARD:
For wearing
western attire!

Clipper King: Hey, Sky, look!

Sky King: It's a woman and looks as though she's in trouble.

Penny King: It's a blonde!

Sky King 1952

"Sky King: Sometimes a man accuses himself by running."
Sky King 1958



Aviation Safety-Education Seminar

Mettetal Airport (1D2)
EAA Aviation Center
8550 N Lilley Road
Canton, MI 48187

Sponsored by EAA Chapter 113



Thursday, March 27th 2014
7:00 P.M.

"The Results of Pilot Deviations"

-Tera Fricke, Office of Aeronautics

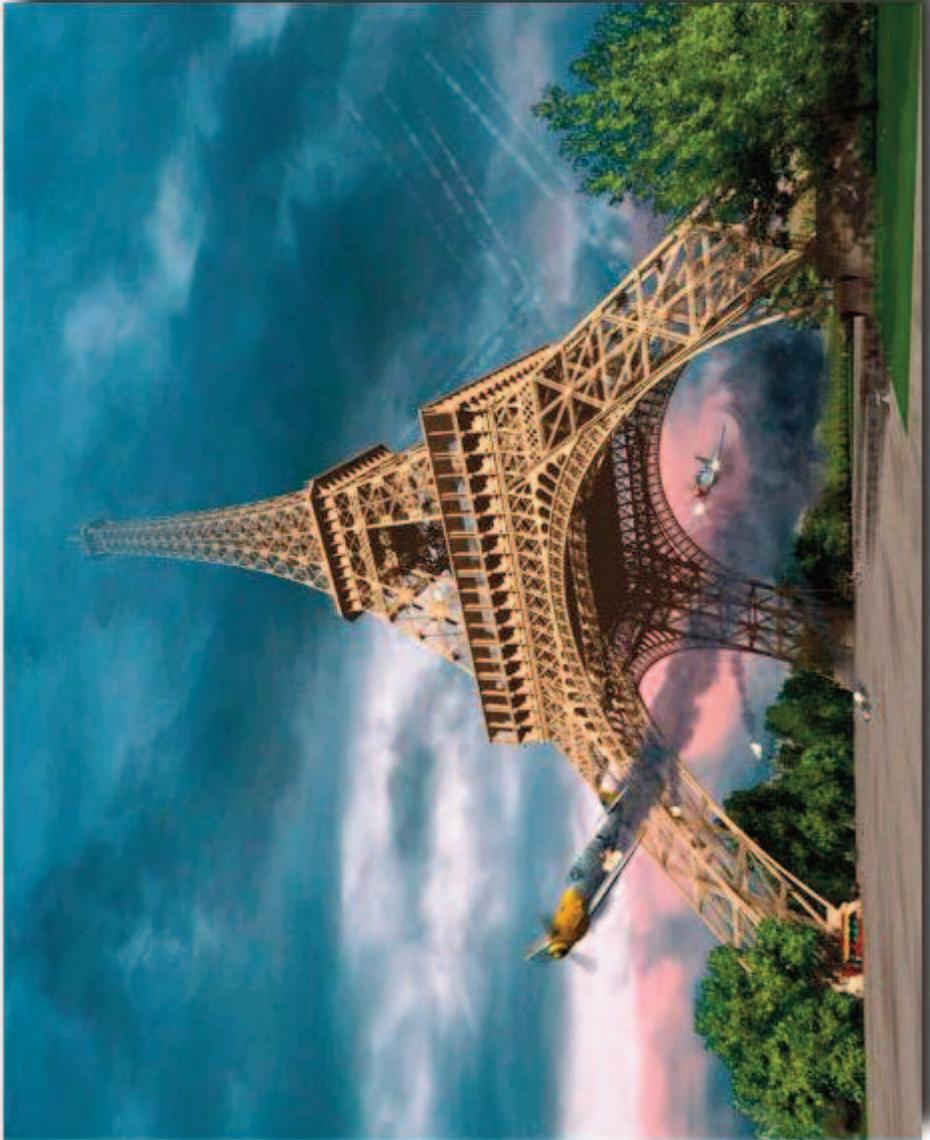
Admission to this program is free. Attendance counts toward credit for the FAA Wings Program.

Register for this and other programs at www.faasafety.gov

For more information visit our website at www.michigan.gov/aero or call Tera Fricke at 517-335-9792.

DON'T TRY THIS AT HOME!

Submitted by Pete Waters



This image depicts an actual event. When you have Bill Overstreet on your tail, not even a daring maneuver such as flying right under the Eiffel Tower is going to save you, as this ME109 pilot discovered the hard way. In the spring of 1944, Bill Overstreet of the famous 357th FG was hot on the tail of a German ME109G. The pilot of the 109 flew right over Paris where German anti-aircraft artillery was heavy, probably in hopes they would solve his problem by eliminating Bill and his P51C named the "Berlin Express". Bill persisted through intense flak closing the gap with the enemy fighter. Already hit in the engine, as a last resort the ME109 pilot aimed his aircraft toward the imposing Eiffel Tower and in a breathtaking maneuver flew right under it. Even this was not enough to shake Bill as he followed right behind scoring several more hits in the process. The German ME109 crashed moments later and Bill escaped the heavy flak around Paris by flying low and full throttle over the river.

Here is the encounter described in Bill's own words:

I had followed this 109 from the bombers when most of the German fighters left. We had a running dogfight and I got some hits about 1500 feet, He then led me over Paris where many guns were aimed at me. As soon as he was disabled, I ducked down just over the river (smaller target for the Germans). I followed the river until I was away from Paris." - Bill

When asked what was around the tower at the time, Bill said, "I'm not sure, I was a little busy."



Bill Overstreet in his P-51 Mustang, Berlin Express.

EAA 113's

Annual Awards Banquet

Saturday, March 15, 2014



EAA 113 Aviation Center

Gathering at 6:30 p.m.

Dinner at 7:00 p.m.

Tickets are \$25.00 each

(Price will increase to \$30.00 for purchases made after February 20th with a final cutoff date of March 6th.)

Western attire is welcome!!!

“From out of the clear blue of the western sky comes Sky King”!!!! Our banquet this year will be a tribute to “Sky King” both past and present. We are excited to announce the guest speaker at this year’s banquet will be a Michigan State Trooper that is a pilot for the police Long Ranger Helicopter.



Besides our great guest, the evening will include plenty of entertainment and conversation and a delicious catered meal that includes dessert, coffee and soda. If you would prefer an alternate beverage, you may bring in your own. In addition, we have several special commendations to award some Chapter members.

Tickets should be purchased at, or before, the February General Meeting. You can also purchase tickets by including this amount along with a check for your annual dues (please include a note on check) or on our website by clicking on the “Tickets” icon at www.113.eaachapter.org. If you have any questions, you may contact Debbie at (734) 397-3452.

You never know . . . there may be a special reward for the one in the best Western wear! It is destined to be a memorable evening.

SKY KING

AVIATION WORDS OF WISDOM

Submitted by Pete Waters

1. There is no problem so complex that it cannot simply be blamed on the pilot. ~ Dr Earl Weiner
2. To invent an airplane is nothing. To build one is something. To fly is everything. ~ Otto Lilienthal
3. Safety second is my motto. ~ Locklear
4. Speed is life, altitude is life insurance.
5. The man who flies an airplane ... must believe in the unseen. ~ Richard Bach
6. There is no excuse for an airplane unless it will fly fast! ~ Roscoe Turner
7. The ships hung in the sky in much the same way that bricks don't. ~ Douglas Adams
8. Aviation is proof, that given the will, we have the capacity to achieve the impossible. ~ Rickenbacker
9. Flying is like sex —I've never had all I wanted but occasionally I've had all I could stand. ~ Stephen Coonts
10. The desire for safety stands against every great and noble enterprise. ~ Cornelius Tacitus (circa AD 56)
11. Aviation in itself is not inherently dangerous. But to an even greater degree than the sea, it is terribly unforgiving of any carelessness, incapacity or neglect.
12. Lady, you want me to answer you if this old airplane is safe to fly? Just how in the world do you think it got to be this old? ~ Jim Tavenner
13. If you are looking for perfect safety, you will do well to sit on a fence and watch the birds; but if you really wish to learn, you must mount a machine and become acquainted with its tricks by actual trial. ~ Wilbur Wright, 1901.
14. The highest art form of all is a human being in control of himself and his airplane in flight, urging the spirit of a machine to match his own. ~ Richard Bach, 'A Gift Of Wings'
15. The greatest danger in flying is starving to death. ~ Earl C. Reed of the T-L-R Flying Circus
16. When the weight of the paper equals the weight of the airplane, only then you can go flying. ~ Donald Douglas
17. In flying I have learned that carelessness and overconfidence are usually far more dangerous than deliberately accepted risks. ~ Wilbur Wright, September 1900.
18. I fly because it releases my mind from the tyranny of petty things. ~ Antoine de St-Exupéry
19. Any damned fool can criticize, but it takes a genius to design it in the first place. Edgar Schmued
20. When asked by someone how much money flying takes: Why, all of it! ~ Gordon Baxter
21. The important thing in aeroplanes is that they shall be speedy. ~ Baron Manfred Von Richthofen
22. The aeroplane will never fly. ~ Lord haldane, Minister of War, Britain, 1907
23. What freedom lies in flying, what Godlike power it gives to men... I lose all consciousness in this strong unmortal space crowded with beauty, pierced with danger. ~ Charles A. Lindbergh

24. It is hard enough for anyone to map out a course of action and stick to it, particularly in the face of the desires of one's friends; but it is doubly hard for an aviator to stay on the ground waiting for just the right moment to go into the air. ~ Glenn Curtiss, 1909.

25. To put your life in danger from time to time... breeds a saneness in dealing with day-to-day trivialities. ~ Nevil Shute

26. Aviation records don't fall until someone is willing to mortgage the present for the future. ~ Amelia Earhart

27. Real planes use only a single stick to fly. This is why bulldozers & helicopters—in that order—need two. ~ Paul Slattery

28. Airplanes are near perfect, all they lack is the ability to forgive. ~ Richard Collins

29. The exhilaration of flying is too keen, the pleasure too great, for it to be neglected as a sport. ~ Orville Wright

30. The Cub is the safest airplane in the world; it can just barely kill you. ~ Max Stanley, Northrop test pilot

31. The bulk of mankind is as well equipped for flying as thinking. ~ Jonathon Swift

32. They talk of the joy of sex but it doesn't last like the fun of flying. ~ Rita, from the movie The Silver Streak

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## DINNER & MOVIE NIGHT

By popular request, back for a return showing is:



*at the EAA 113 Aviation Center  
Friday, March 7th, 2014*

**Dinner will be at 6:30 p.m.**

**Menu includes: Sloppy Joes, Mac & Cheese, Salad & Dessert.**

**Donations for the meal are expected.**

**Movie showing will begin at 7:30 p.m.**

Must RSVP for the dinner portion, to ensure enough food!  
Please respond to Debbie at 734-397-3452 or dforsman@wowway.com  
Or John Maxfield at 248-890-6767

## 2014 SCHOLARSHIPS

Twenty eight years ago, EAA 113 established a Scholarship program for local students pursuing aviation studies. Since that time, we have awarded over \$28,000 to further future aviation careers. Thanks to another successful Father's Day Pancake Breakfast this year, our Chapter has again set aside money to further support this program. However, in recent years, we have unfortunately received very few applications. We are asking our Chapter members to promote this worthwhile program to encourage aviation in future generations. If you know of any potential candidate, please let them know the scholarship applications are available online at [www.113.eaachapter.org](http://www.113.eaachapter.org) in a fillable PDF format. Applications must be returned by March 31, 2014 to enter the selection process by EAA Chapter 113 Scholarship Committee. All applicants must exhibit a passion for aviation!

### **2014 EAA 113 Aviation Studies Scholarship**

EAA Chapter 113 will again award as many as two \$1,000 scholarships for the 2014 Aviation Studies Scholarship Program. We are looking for qualified local students pursuing a career in Aviation. Candidates should be currently admitted to a college, university or trade school majoring in aviation related studies. Scholarships may also be awarded to students studying in an approved flight school to assist with flight lessons if they are twenty-five years of age or younger as of March 31, 2014 and have completed their first solo flight.

### **2014 EAA 113 Air Academy Scholarship**

EAA 113 is also proud to announce it will once again offer one scholarship for up to \$500 to assist a Young Eagle in attending a summer session of Air Academy at Oshkosh. This amount is often used to supplement our Young Eagle credits that are earned throughout the year. The combination of funding sources often allows for our Chapter to pick up the full cost for an enthusiastic youth to attend this camp. If you know of an aviation-focused young person, between 12 and 19, please let them know this Scholarship form is also available on our website.

### ***Please assist us in passing along information about our Scholarship Program.***

Some of our past recipients have gone on to careers as Military, Commercial and Corporate Pilots; air traffic controllers; flight instructors; and A & P's, to name a few. To date, the EAA 113 Scholarships have made a difference to over 50 young people in aviation! Let the tradition continue! The Scholarship applications can be found on the EAA Chapter 113 website: [www.113.eaachapter.org](http://www.113.eaachapter.org)



## QUICKSILVER EMG MAKES FIRST FLIGHT

January 30, 2014 - Adventure Aircraft, a subsidiary of Rainbow Aviation, made successful first flights of its new Electric Motor Glider 6 (EMG-6) at Corning (California) Municipal Airport in December. The aircraft is a joint collaboration between Adventure Aircraft and Quicksilver Aeronautics. The EMG-6 was piloted by aircraft designer Brian Carpenter - towed aloft by a 400-cc Honda quad runner.

Although the aircraft is equipped with a small electric motor to fit into the FAR Part 103 category (allowing for flight without an FAA pilot certificate), all of the initial flight tests were conducted as a pure glider without any of the drag reduction enhancements and without the use of power.

Flight testing will continue into the spring in several different configurations: pure glider, glider with a single-engine electric sustainer motor, 40-hp single-engine, twin-engine, and tri-motor. Testing will continue by evaluating several combinations of speed fairings, gap seals, and cockpit enclosures, most of which are manufactured from lightweight carbon-fiber materials.

The EMG-6 aircraft can be built as a single-place, FAR Part 103 ultralight and then legally converted at a later date into a two-place experimental aircraft. The folding wing and folding tail design reduces the machine's storage footprint, making it possible to fold the aircraft and store it in your garage at home.

With a gross weight design limit of 750 pounds, theoretical flights lasting as long as three hours are possible using current battery technology. The prototype aircraft will be flown initially with two 20-hp brushless Predator 37 motors manufactured by Plettenberg of Germany. The motors, controllers, batteries, and propellers are all off-the-shelf components currently used in the giant-scale, radio-controlled aircraft industry. Adventure Aircraft also feels there are several other viable powerplants that are currently available.

This aircraft can be built as an experimental amateur-built and can be flown with a fixed-wing sport pilot certificate without a glider rating as long as the aircraft is flown as a single-place aircraft. Additionally, a glider pilot can fly it as an electric-powered glider with multiple engines without a multiengine rating. No medical certificate is required.

Adventure Aircraft hopes to offer an entry-level kit near the \$10,000 price range and is diligently working on a fast-build kit requiring less than 80 hours assembly time.

While Adventure Aircraft currently uses an ATV to tow the prototype, thousands of aircraft are capable of towing the EMG-6 (with a tow speed range from 30 to 60 mph).

Quicksilver EMG-6





# February 2014



| Sun | Mon | Tue                                                                                                                                                                        | Wed                                                                                                                           | Thu                                          | Fri                                                                                                                                                                                                       | Sat                                                                                                                                                                                  |
|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2   | 3   | 4<br><i>Don't forget to shop for items to make your delicious chili for Saturday!</i><br> | 5                                                                                                                             | 6<br><b>Homebuilder's Corner 7:30 pm</b>     | 7<br><b>Movie Night 7:30 pm</b><br><br> | 8<br><i>Breakfast @ Coney 8:30 am</i><br><b>Frosbite Chili Fly-In</b><br><i>11:00am-3:00 pm</i><br> |
| 9   | 10  | 11                                                                                                                                                                         | 12                                                                                                                            | 13<br><b>EAA 113 Board Meeting 7:30 pm</b>   | 14<br><i>Valentine's Day</i><br>                                                                                         | 15<br><i>Breakfast @ Coney 8:30 am</i>                                                                                                                                               |
| 16  | 17  | 18                                                                                                                                                                         | 19<br>Purchase Banquet tickets tomorrow!<br> | 20<br><b>EAA 113 General Meeting 7:30 pm</b> | 21                                                                                                                                                                                                        | 22<br><i>Breakfast @ Coney 8:30 am</i>                                                                                                                                               |
| 23  | 24  | 25                                                                                                                                                                         | 26                                                                                                                            | 27<br><b>Flying Safety Meeting 7:30 pm</b>   | 28                                                                                                                                                                                                        |                                                                                                                                                                                      |

**From Barb Cook:**

Shishi Branscomb fell and broke her hip. She is doing rehab at Heartland Health Care Center-Canton  
7025 N Lilley.  
Canton, MI 48187

I'm sure she'd appreciate a card or a note wishing her a speedy recovery.

**EAA Chapter 113**

Mark Freeland

1480 Oakwood

Sylvan Lake, MI 48320

**Next Meeting : Thursday, February 20, 2014**  
**7:30 PM at the EAA Aviation Education Center**