

EAGLE'S PROPWASH



November 2014 Issue

CHAPTER 113

"The Backyard Eagles"



William Hirzel's N3N-3 at EAA Chapter 582's Mini-Chili Fly-in,
Newberry Field, Lyons, OH, October 26, 2014

Photo Courtesy of Randy Hebron

Our Web Site: www.113.eaachapter.org EAA113@yahoogroups.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:

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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

November 2014

Welcome to November in Michigan where we went from pleasant fall days to... "Hey, that's snow falling!" in one overnight period. Fortunately, those days are the exception as the last several weekends have had some fantastic flying weather. We've moved the Saturday morning Chapter breakfasts to the 3 Brother's Restaurant, just off the northeast corner of Mettetal on Joy Road. Several Chapter 113 members attended the Mini-Chili Fly-In at Lyons Ohio in late October. Over one hundred airplanes graced the grass runway at Newbury Airfield for the long running EAA Chapter 582 event. Pilots, passengers, and even a few flying pets enjoyed a delicious lunch of Chili, Kielbasa, and oh, that Desert Table! Our own Fall Chili Fly-In will be on November 15th starting at Noon. Please bring a pot of your favorite Chili to share or a desert if you're able. Just be sure not to miss our traditional Fall Classic, held in the comfort of EAA Chapter 113's heated hangar, rain or shine. Bring a friend, all are welcome.

November 15th is also our next Young Eagle's Day at Mettetal. It's our annual event for the Young Astronauts Class from Southfield that will start at 8:30am. Individual Young Eagle's will be there as well to fly while we're conducting ground classes. So....Please let Debbie know that you can assist that day either by flying, assisting on the ground, or both. You can reach her at youngeagles113@wowway.com or call 734-397-3452.

Mark Freeland came across an interesting 1943 Video on YouTube about building a light aircraft. It appears to be a Piper film during the construction of a Cub. Check it out at <http://youtu.be/Q6q1VKsTeKQ>

It's not too soon to start looking ahead on the calendar. Operation Good Cheer is just around the corner. Our Chapter is again happy to sponsor a child in need. Volunteers are needed Friday, December 5th from 10am-8pm at Pentastar Aviation, Pontiac Airport, to help unload and sort over 15,000 (that's not a typo) gifts, bound for underprivileged children throughout Michigan. Then, on Saturday, December 6th from 7am-1pm, more help is needed as those very gifts are loaded into private planes to be delivered. Your help is welcomed for all or part of the day as you are able. More information about Operation Good Cheer is available at www.cfsm.org

Due to the scheduling of Operation Good Cheer, December's EAA Movie Night is being moved to Friday, December 12th. There will be light snacks during this aviation themed movie so no RSVP is necessary. As a finale to 2014, plan on joining us on December 18th for the EAA Chapter 113 Holiday Party, also at the EAA 113 Aviation Center. The Great Lakes Aviation Conference is coming up January 23-24 at the Lansing Center in Lansing. Special EAA Members Discounts are available, along with more information at www.greatlakesconference.com

Member Dave Steiner went to the Duxford England Airshow this past year. At this month's Chapter meeting, Dave will share that trip with us, along with the EAA Chapter Video Magazine from EAA in Oshkosh. Enjoy a little history, homebuilding, and some "pick'n and fly'n". Stay up to date with EAA 113 at www.113.eaachapter.org and follow us on Facebook!

Happy Landings, John Maxfield



PAULSON AVIATION & HISTORY *LIBRARY*

Barb Cook (734) 277-3469

barb@armipay.com

November 2014

What was the TOP FIGHTER GROUP OF WWII?

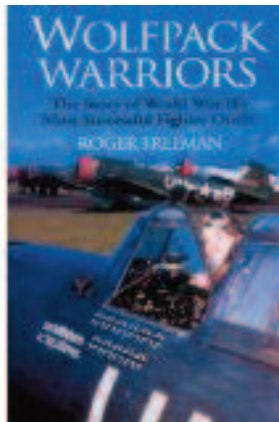
The American 56th Fighter Group, Major Hubert Zemke's pilots and P-47s.

Wolfpack Warriors by Roger A. Freeman tells how Zemke trained his pilots and ran his superlative unit operations. Grub Street, London, 2004. Shelf # 940.54 4973 FREE. Gift of Andy Folgmann.

This is a captivating book about a dynamic commanding officer, some magnificent P-47 airplanes, and the successful pilots.

I was really fascinated by it, because I had the pleasure of knowing Vern Maxey, a WWII P-47 pilot who was able to convince me why it was such a battleship of a plane, and why it was important to our success in winning that war. But when Vern returned to civilian life in here in S.E. Michigan and transitioned to general aviation, he just couldn't get interested. He quit flying. This book provides an explanation of just what Vern and those other P-47 wartime pilots had experienced. This book is well written, and is more informative and fun to read than fiction on the same subject. (Freeman has written over 60 books on aviation history.) You can check this one out when I'm finished with it!

There is a 20 page center section of black/white captioned photos, and a 13 page index.





Holiday Gift Ideas

(For someone special or yourself!)



Chapter 113 Apparel



It looks as if our Michigan winter is almost here. Since we cannot stop it from coming, why not stop the chill with some new EAA Chapter apparel? We can order hoodies and crew neck sweatshirts as well as cozy, full zippered fleece jackets. Each is embroidered with the "EAA Swoosh with Chapter 113, Canton, MI." Prepay your order and choose from several color choices and the many sizes available. Prices for the sweatshirts and fleece vary from \$20 to \$30. Orders will be placed right after the November General Meeting to ensure delivery in time for the holidays. See Debbie for details.

Chapter 113 Nametags

Need a stocking stuffer idea? Why not order an engraved name tag? They are small hard plastic name tags with either a magnetic back or a pin and come in two sizes. These tags cost **\$5.00 each**.



Chapter 113 Membership



Give the gift of aviation for a whole year. Membership to EAA Chapter 113 is only \$35.00 per year. Members will be emailed a monthly newsletter and have access to the Chapter 113 Yahoo News Group. Spread the joy of our Chapter!

Flights

Do you want to see someone's face light up like a child on Christmas morning? How about offering someone the gift of a flight? Perhaps you know of someone that has never flown before or hasn't been up for some time. This is a great opportunity to give the gift of flight. A special gift coupon can be created for your recipient.



Santa has asked Debbie to help with any of these special gifts.
Please contact her to place your orders or for assistance.
Happy Holidays!!!

ALERT Chapter 113 Newsletter ALERT

The volunteer manpower and expense needed to print, fold, label and mail 150 copies of EAA Chapter 113's monthly newsletter has grown over time. Words cannot express our gratitude to Grant, Barb, Mark and Liz for their continued efforts to produce and distribute it for so many years. After considerable discussion at last month's Board meeting, it was decided to eliminate the increasing expense of printing and mailing the newsletter.

Instead, it will be sent via email to all members in current standing.

BEGINNING WITH THE JANUARY 2015 ISSUE, WE WILL ONLY SEND OUR MONTHLY NEWSLETTERS OUT VIA EMAIL UNLESS WE HEAR FROM YOU. Please verify your email address with Debbie at either the November or December meetings; send an email to youngeagles113@wowway.com; or call 734-397-3452. If you cannot receive email or do not have access to the Chapter website, we can still mail a printed copy to you but we need you to tell us. This method is more efficient in the timeliness of receiving your copy, but more importantly, it reduces the substantial time and expense to the Chapter. Let's go green and reduce this consumption.

Remember your membership dues are due in January. Enjoy your 2015 Newsletters in full color electronically!

BELIEVE IT OR NOT

By Al Bosonetto

I was in the Air Force from 1962 to 1966 stationed at Minot AFB Minot North Dakota. The Base was home to a B-52 squadron, a fighter squadron and a Minuteman missile site. I was a Bomb Nav tech. working on the B-52 aircraft. During this period there were several UFOs sightings. Fighters were scrambled. We never heard if UFO'S were sighted.

I started looking for and googled Minot AFB UFO. There is a full report of the sighting by ground radar and a diverted B-52 over a missile silo. The Nav had it on his scope and the pilots saw it. A good friend an EWO instructor, Capt. Tom Goduto, married at the time to Doreen's cousin Bonnie was on the aircraft. The incident was classified. He never said a word about it to me.

You can read all about it, google Minot AFB UFO.

**EAA CHAPTER 582'S MINI-CHILI FLY-IN, NEWBERRY FIELD,
LYONS, OH - OCTOBER 26, 2014**



Scott & Alissa DeLane and Dr. Gary Ross with Hebron's Cessna 180
Photo Courtesy of Randy Hebron



Timothy Popp's RV-7
Photo Courtesy Randy Hebron

FROM MARK FREELAND

Recently I was asked to help out at an STEM event at Lansing Airport to introduce K-12 teachers to some of the possibilities of using aviation related material in the classroom.

I was asked to bring some of my wares and talk about how they may be used in the classroom. One thought that struck me is that kids love to make things, but they love to break things even more. So what better than to give them a kit to make part of an aeroplane, and then a reason and means to break it!

So here is the kit I came up with. It consists of a small sheet of balsa wood that has the following parts pre-cut with a laser, 6 ribs, a leading edge, trailing edge, main spar and a few gussets. A separate spar cap strip is also provided, which can be used or omitted.

The kids get to build the mini wing, which should take around 10 minutes or so, using only a flat surface, some non stick paper (to stop it sticking to the surface, PVA (white glue) or an Alphatic glue (Titebond) and some masking tape to hold things down while the glue dries. Then when the parts are dry (at least half an hour, but longer is better) the kids get to mount the wing in a fixture (kit for this supplied separately to the teacher) and load it up with pennies, washers, sand or any other suitable weights until the part breaks.

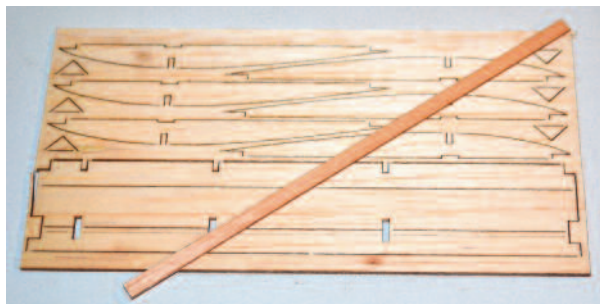
A cleaver teacher can then use the "data" gathered by the kids to do some maths (statistics on breaking strength for example), and or some good lessons in physics looking at the design of the structure, and why it breaks at a much higher load when mounted inverted in the fixture, than with the convex surface up, why the addition of the cap strip on the bottom of the spar makes such a big difference, why it is on the bottom of the spar rather than the top, possibly measure and plot a load deflection curve by adding a 6" scale and a simple pointer attached to the spar, etc..

The kids could even cover their wings with paper, and use them to demonstrate the concept of lift and drag, especially if the school happens to have a small wind tunnel!

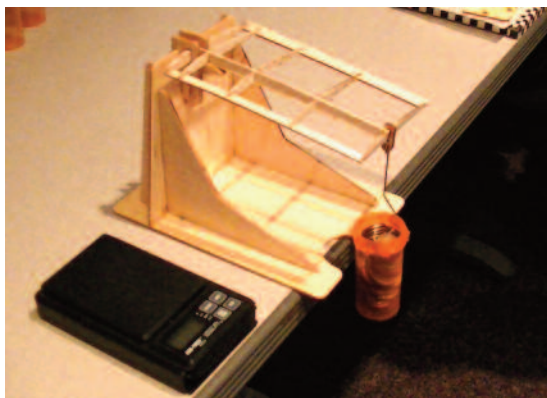
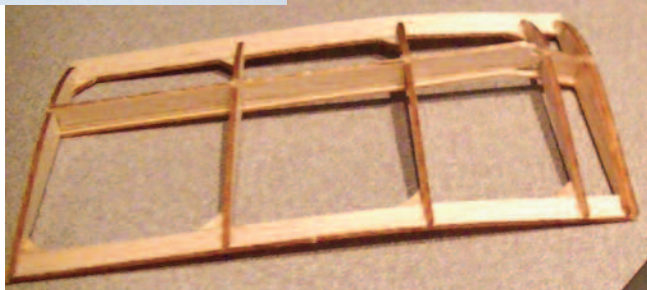
The photos attached show the "kit", built wing, wing in the test fixture with scale used to measure the load applied, and a broken wing.

And the best part of all, it's very cheap, about \$1 a piece in quantity. Of course if the chapter wanted some for a Young Eagles event or something I would donate the first 100 pieces along with a test stand or two.





*Photos Courtesy
of Mark Freeland*



LIKE TO READ?

Did you know there is a book discussion group that meets once a month in our Paulson Library for a lively discussion of the month's book selection? Interested?

Come join us on the third Thursday of the month at 12:30 PM!

For more information, please contact Barb Cook 734-277-3469 or Liz Hebron 734-776-9294.



SPACEWALKER

by Mark Freeland

First, a few words of introduction: A close friend of mine, Don Bran, who is both an accomplished model pilot and a full size pilot, donated many excellent books to the Paulson Library quite some time back when he left MI to move to warmer climates after he retired. Many of the members will have seen his name on the book plates, but will have no idea who he is. So I think it very appropriate to publish the attached both to introduce Don to our members, and also to share a very interesting story he relays in the text below.

"A friend in my RC club, Etowah RC Flying Club, in Etowah, NC, was selling an estate for a friend on the east side of NC. I attended the yard sale and purchased a Sig Craftsman kit of the third scale Spacewalker. It had been framed up nicely and I simply completed it with my own modifications, added all the plumbing, electrical, etc. and to cover it differently than all the known Spacewalkers.

At our local "Hobby House" shop in Hendersonville, NC, I was in one day buying what I needed when the shop owner introduced me to Jesse Anglin, designer of the full size Spacewalker who lives in Hendersonville. I was surprised and told him I was completing a third scale Spacewalker. He then told me that the inspiration for the ship was his rides in a mutual friends PT 19 which was done in the military scheme, blue fuselage and yellow wings. Our friend, Chet Phillips, after selling the PT 19, bought and flew a 1946 Fairchild 24 R in Maroon and yellow which Chet named "Ruby". So I decided to finish my Spacewalker in the military scheme, complete with red and white stripped rudder and US Army markings. If Jesse liked Chet's plane, he might like his own design done in the military colors.

I completed the model with all the military markings and told Jesse that our club was having a "Warbird" fly in on a Saturday in August and that I was planning the maiden flight for that day.

Jesse came out to our field in Etowah and spent over four hours with us. He and a friend of his, took numerous photos of us together near the model. He witnessed the maiden flight, which went off without a hitch, and was visibly very pleased. Later, he sent me a CD with three segments. One, of the two Spacewalkers that Hazel Sig and Maxey Hester had built for their own enjoyment. One of the development of the plane in initial construction and one of his A 53 2 cylinder, horizontal opposed flat engine. In this segment there is actual footage of this engine running on one cylinder while the opposite cylinder head is removed.. Amazing!

Mr. Anglin was one of the most delightful older gentlemen I have ever met! What a day it was!

The photographs were taken before and after the maiden flight. Not wanting to risk all the time, energy and money in this project, I had one of our ace pilots, Rob Mason, do the initial flight. He requested "Full Rates" and that's what I gave him. His comment after the flight., "It fly's like a Cub". Can it get any better than that?"

Don Brann, AMA 22625




Don standing alongside Jesse Anglin, the designer of the full scale Spacewalker

YOUNG EAGLES



Garden City ROTC, October 4, 2014
Photo Courtesy of Pat Trevas



You are invited to
EAA 113's annual

Holiday Party

Come celebrate the season with
your family and
aviation friends.


Thursday, December 18th, 2014

6:30 p.m.

EAA 113 Aviation Center

Bring your holiday spirit, your family and
a dish to share.

EAA 113 will supply the delicious turkey!





EAA 113

Invites you to their

CHILI FLY-IN

OR



DRIVE-IN

Saturday, November 15th, 2014

Noon to 3:00 p.m.

EAA 113 Aviation Center

Mettetal Airport (1D2)

*Feel free to bring a pot
of your family recipe
or just come join us
for a variety of chili,
hotdogs and desserts.*








For more information visit our website: www.113.eaachapter.org





November 2014



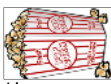


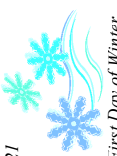





Sun	Mon	Tue	Wed	Thu	Fri	Sat
						¹ Breakfast @ Leo's Coney Island 8:30 am
²	³	⁴	⁵	⁶ Homebuilder's Meeting 7:30 pm	⁷ Movie Night & Pizza Dinner 6:30 p.m. 	⁸ Breakfast @ Leo's Coney Island 8:30 am
⁹ 	¹⁰	¹¹	¹²	¹³ EAA 113 Board Meeting 7:30 pm	¹⁴	¹⁵  Young Eagles 9 am Chili Fly-In Noon-3 pm 
¹⁶	¹⁷	¹⁸	¹⁹	²⁰ EAA 113 General Meeting 7:30 pm	²¹	²² Breakfast @ Leo's Coney Island 8:30 am
²³	²⁴	²⁵	²⁶	²⁷ Happy Thanksgiving 	²⁸	²⁹ Breakfast @ Leo's Coney Island 8:30 am
³⁰						



December 2014



Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4 Homebuilder's Meeting 7:30 pm	5 Operation Good Cheer Oakland International Airport 10:00am-8:00pm 	6 <i>Breakfast @ 3 Brothers 8:30 am</i> Operation Good Cheer Oakland International Airport
7	8	9	10	11 EAA 113 Board Meeting 7:30 pm	12 Movie Night 7:30 p.m. 	13 <i>Breakfast @ 3 Brothers 8:30 am</i>
14	15	 <i>Happy Hanukkah</i>	17	18 EAA 113 Holiday Party:30 pm 	19	20 <i>Breakfast @ 3 Brothers 8:30 am</i>
21	22	 <i>First Day of Winter</i>	24	25  <i>Merry Christmas</i>	26	27 <i>Breakfast @ 3 Brothers 8:30 am</i>
28	29	30	 <i>NEW YEAR'S EVE</i>			

EAA Chapter 113

Mark Freeland

1480 Oakwood

Sylvan Lake, MI 48320

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