

# EAGLE'S PROPWASH

APRIL 2016 ISSUE

## CHAPTER 113 "The Backyard Eagles"



Our Web Site:

[www.113.eaachapter.org](http://www.113.eaachapter.org)  
[EAA113@yahoogroups.com](mailto: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**



Boeing Stearman - Sean Crooks' new toy  
*Photo Courtesy of Shunsuke Shibata*

## Member Services

### Class I Board of Directors:

<b>President:</b> Joe Kirik	(248) 872-3220	president@eaa113.org
<b>Vice President:</b> Sanjay Dhall	(734) 658-7444	vicepresident@eaa113.org
<b>Secretary:</b> Stefan Rairigh	(734) 383-4346	secretary@eaa113.org
<b>Treasurer:</b> Dave Buck	(734) 223-2675	treasurer@eaa113.org

### Class II Board Members:

Al Bosonetto	(734) 261-5518
David Brent	(734) 755-4587
Dan Jones	(248) 310-6018
Dave Steiner	(734) 645-1150
Doug Sytsma	(734) 674-3345

<b>Library:</b> Barb Cook	(734) 277-3469	library@eaa113.org
<b>Newsletter:</b> Elizabeth Hebron	(734) 776-9294	newsletter@eaa113.org

### Class III Board Member:

John Maxfield	(248) 890-6767
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### **Membership Committee:**

Al Bosonetto, Dave Buck, John Maxfield

<b>Dues:</b> Dave Buck	(734) 453-5375
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### **Technical Counselors:**

Randy Hebron	(734) 326-7659
Dan Jones	(248) 310-6018
Dan Valle	(313) 539-9818

### **Flight Advisors:**

John Maxfield	(248) 890-6767
Dan Valle	(313) 539-9818

### **Scholarships:**

Elizabeth Hebron	(734) 776-9294
Debbie Forsman	(734) 397-3452
Jim Trick	(517) 546-3944

### **Young Eagles/Eagle Flights:**

Debbie Forsman	(734) 397-3452	events@eaa113.org
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Dave James	(734) 721-4213
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<b>Web:</b> John Maxfield	(248) 890-6767	webmaster@eaa113.org
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### **Aviation Center Management Committee:**

Al Bosonetto	(734) 261-5518
Dave Buck	(734) 453-5375
Bill Brown	(734) 420-2733
Pat Trevas	(734) 416-3955
Bruce Breisch	(734) 422-2692



### **CHAPTER MISSION STATEMENT:**

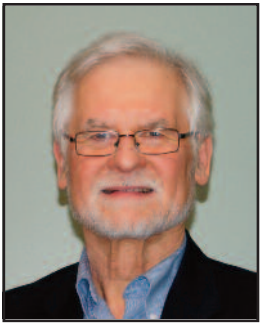
*"EAA Chapter 113's major focus is on the relationships with people who have diverse aviation interests, centered around their love of flight, fellowship, learning, and fun."*

*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 OF DIRECTORS:**

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



## PRESIDENT'S *PODIUM*

**Joe Kirik** (248) 872-3220  
president@eaa113.org  
April 2016

What a fabulous Chapter Awards Banquet we had last month! It was great to see such a big turnout of members and guests to celebrate our chapter's accomplishments and observe the 75th anniversary of the USO with the "Harmony 4 Fun" vocal quartet and the 40's dress and décor – especially the Army Jeep. Thanks to Debbie Forsman, John Maxfield and rest of the team who put the event together, and to Shunsuke Shibata for the great photos.

It's gratifying to see that nearly all of our 2015 chapter members have renewed for 2016. Thank you all for sending in your dues on time. It's another sign of what a great Chapter we have – more than 120 members strong!

The weather certainly has been all over the place lately as Spring struggles to make some headway. But it'll get here, and one sure sign is our first Young Eagles event coming up on Saturday, April 23. There will be a volunteer meeting on Saturday, April 9, at 9 a.m. to go over procedures and changes, including the requirements of the Youth Protection Program. See Debbie's notice inside this newsletter.

Also in this issue, John Maxfield has an item about the history and lore of challenge coins. If you didn't see the Chapter 113 challenge coin at the Awards Banquet, please take a look during the Chapter membership meeting on April 21. We have quite a few available, and once you actually see and feel one of these coins you'll realize it's a quality item, and at \$10 is a real steal! See John at the meeting.

We have another great program lined up for the Chapter meeting. The featured speaker will show us how we can ALL be better pilots with some exposure to aerobatics, tailwheel planes and soaring. And speaking of tailwheels, if we have time after the main presentation we'll try to sneak in a peek at a chapter member's recent primary training in a tailwheel plane at an old-time grassroots country airport. Plus, we'll have a member-submitted video and the usual EAA Chapter video.

See you then!  
Joe Kirik





# PAULSON AVIATION & HISTORY LIBRARY



Barb Cook (734) 277-3469

library@eaa113.org

April 2016

## AN ASSORTMENT OF BOOKS DONATED

*EAST TO THE DAWN; LIFE OF AMELIA EARHART* by Susan Butler.

DaCapo Press, NY, 1997. 498 pages, Including Notes, Sources, Acknowledgements, Index, 16 pages of black/white photos, map.

"Based on ten years of research, East to the Dawn provides a richly textured portrait of Earhart in all her complexity" (Amazon) Butler has also published books on Roosevelt and Stalin. Shelf # 629.130 924 EARH BUTL

\*This is our 13th book about Amelia!

*YOUR PILOT'S LICENSE; BESTSELLING GUIDE TO GETTING YOUR WINGS FOR OVER 25 YEARS*, 7th edition (2003) by Jerry Eichenberger. (Yes there is a newer, 8th edition, 2011 available for purchase.) 358 pages, Glossary, Index.

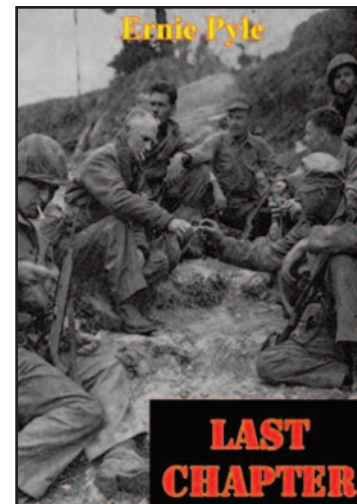
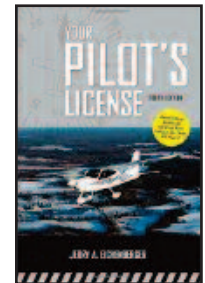
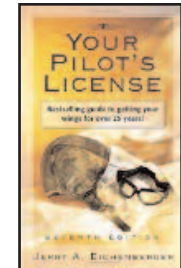
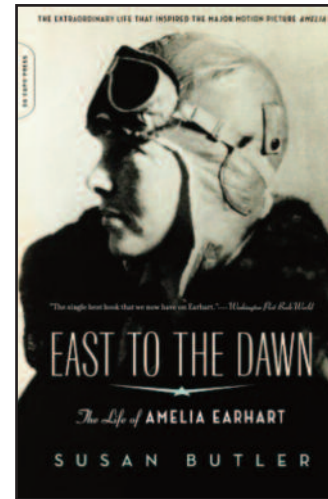
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*LAST CHAPTER* by Ernie Pyle. Holt & Co, NY. 1945.

At the time of his death Ernie Pyle was among the best-known American war correspondents. He won the Pulitzer Prize in 1944 for his spare, poignant accounts of "dogface" infantry soldiers from a first-person perspective. "No man in this war has so well told the story of the American fighting man as American fighting men wanted it told," wrote Harry Truman. "He deserves the gratitude of all his countrymen." [1]

This is the final book of Ernie Pyle's war reporting. After Africa, Italy, and D-Day on the European continent, Pyle took it the hard way again. There was still the Pacific war to win, and where the fighting was Ernie had to go, soul-sick though he was with the thousands of scenes of death and destruction he had already witnessed.

*WINGS OF CHANGE; CANADIAN AIRMEN IN EUROPE*, by Stephen Will. Hornet House, 1993. An Aviation Pictorial work, with many full color pictures.



# MIKE SCOVEL'S VARIEZE PROJECT UPDATE

by Anthony Libertore

My daughter Reagan (17) noted she had not seen "Mr Mike" in quite a while. When Reagan was younger, before dance, figure skating, and hockey took over her time, we would meet with the Saturday morning gang for breakfast. Mike would make a fuss over her. They would hug and have a grand old time. So on a free Saturday morning we headed to the restaurant, and Mike and Doreen were at breakfast. Mike invited us back to his hangar to see his Eze which is it getting close to completion. Mike was like a proud papa explaining all the details of the Eze to Reagan. Their bonding continued with a discussion on painting the Eze. This peaked Reagan's interest as she is taking Auto Paint as an elective in her senior year at Canton High School. After spring break a Volvo is awaiting her and a classmate in the paint shop. This is on top of an impressive "flame-job" she painted on a test panel and a desire to delve into pin striping. With that in mind, stay tuned to the further adventures of the painting of Mike's Eze, it might get interesting... ;-). Many thanks to Mike for taking time out to share his Eze journey with us on that Saturday morning....



Anthony, Mike, and  
Reagan

*Photo Courtesy of  
Shunsuke Shibata*





*Photos Courtesy of Shunsuke Shibata*







Mike ponders the placement of instruments. Or is he making engine noises with his finger while day-dreaming of flying his Varieze?  
*Photo Courtesy of Sanjay Dhall*

# THE EAA CHAPTER 113 CHALLENGE COIN

By John Maxfield

To celebrate the 55th anniversary of EAA Chapter 113 and in honor of the USO's 75th anniversary, the EAA Chapter 113 Challenge Coin was designed and minted. Each Coin features the National EAA logo on one side and the Chapter 113 Backyard Eagle on the other.

It's not well known exactly why and where the tradition of challenge coins began, but Challenge Coins and military service are steeped in history and lore. One story dates back to World War I, when a wealthy officer had bronze medallions struck with the flying squadron's insignia to give to his men. Shortly after, one of the young flying aces was shot down over Germany and captured. The Germans took everything on his person except the small leather pouch he wore around his neck that happened to contain his medallion.

The pilot escaped and made his way to France. But the French believed he was a spy, and sentenced him to execution. In an effort to prove his identity, the pilot presented the medallion. A French soldier happened to recognize the insignia and the execution was delayed. The French confirmed his identity and sent him back to his unit.

Other stories say that the challenge portion began in Germany after World War II. Americans stationed there took up the local tradition of conducting "pfennig checks." The pfennig was the lowest denomination of coin in Germany, and if you didn't have one when a check was called, you were stuck paying the bill. This evolved from a pfennig to a unit's medallion, and members would "challenge" each other by slamming a medallion down on the bar. If any member present didn't have his medallion, he had to buy a drink for the challenger and for anyone else that had their coin. If all the other members had their medallions, the challenger had to buy everyone drinks.

Traditionally given quietly during a simple handshake, each veteran Chapter Member, Spouse or Guest at last month's banquet, received one of the newly minted EAA 113 Coins as a small token of appreciation for their service. It was inspiring to hear the varied service branches, ranks, and duties as our veterans were introduced. For example, did you know that one current Chapter Member worked on the Manhattan Project?

Chapter 113 Challenge Coins are available for a \$10 donation to the Chapter, each. They may be purchased at the monthly meeting, or online by using the Chapter Challenge Coin button at [www.113.eaachapter.org](http://www.113.eaachapter.org) Not all challenge coins are passed by secret handshake, but it has become a tradition that we would like to uphold, so, plan on having your coin presented to you personally so we may save the shipping expense.





# 14 Year Project Ready for Take-Off

by Kenneth R. Shuman, Electrician



Ken Shuman sits in the cockpit of his new plane, revving up the engine to check the coolant temperature gauges, while friend Bob McBride looks on.

Looking through a Popular Mechanics magazine back in 1972, I saw an article about a very small and economical airplane. Having just recently earned my private pilot license, I was attracted to this plane because of its sleek lines as well as its efficiency.

I sent for the information package along with the first of what was to be many checks to Bede Aircraft Company in Kansas.

The information I received was very complete. It described the ease of construction, type of material included in the kit, tools required, aircraft specifications, and performance claims. So, after talking it over with my wife, I filled out an order form and mailed another check.

In a few weeks, I went to Bay City where there was a dealer for the aircraft and picked up my first package of materials. The rest would come in the following months and years!

The construction involved tracing the shape of a part shown full-sized on the plans, laying this tracing on the aluminum sheet of proper thickness, and cutting it out with tin shears along the lines of the tracing. Then, the

edges were bent as required to form flanges that could be drilled and either counter-sunk or dimpled, so a flat head rivet could be used during assembly. All holes and edges were deburred and the part was cleaned in a solvent methyl ethyl ketone, MEK, before being epoxied and riveted together.

I started construction in my basement by making the wings, flaps, ailerons, vertical tail, rudder, stabilator and landing gear assemblies. When I started the fuselage, I put a 10' x 20' addition on the back of my garage and began the construction of that portion outside. Finally, I had to take over the entire garage in order to fully assemble the aircraft.

**The total construction took 14 years and \$16,000.**

I now have the aircraft in a hangar at Pontiac Airport. I have been running the engine and testing the plane prior to its first flight.

The specifications show a cruise speed of 180 mph with a range of 1300 miles.

The engine is an aluminum block 1977 Honda Civic automobile engine, chosen for its light weight and excel-

lent reliability. The propeller is driven by a tubular shaft supported at three points by large bearings and turned by a 2-1/2 inch Gates timing belt. The landing gear is retractable with fiberglass legs and 9 inch diameter tires.

The 13 foot long plane seems very small as you stand beside it, but with its 21 foot wingspan and light weight (only 600 pounds) it should be a very quick, but safe, airplane.

The Federal Aviation Agency has inspected it and all the required paperwork has been completed. As with any high performance aircraft, it must be flown properly, and the correct speeds must be maintained, especially on landing. Take-off will be 65 mph, climb at 110 mph and landing at 100 mph.

Instrumentation includes all required equipment for daytime flying and additional temperature gauges for monitoring engine cooling. Also, a 360 channel aircraft radio with electronic navigation capability is installed.

My patient wife has been looking forward to getting her garage back for her van and getting her husband back for some home improvements. She says 14 years is a long time to wait for her basement to be finished!

With all the time that I hope to be flying the airplane and working at home, I don't think I will have any more time to read Popular Mechanics magazine for a while.



Ken is shown on the job in 37 Department.

## BLAST FROM THE PAST:

### KEN SHUMAN'S BD-5

Submitted by Randy Hebron

Ken is a former member of Chapter 113, now with Chapter 304 in Jackson, MI. Since this article was written, he sold the BD-5. His current aircraft is this beautiful RV-6.





## CHAPTER 113's SELFRIDGE ANG MUSEUM ADOPT-A-PLANE PROGRAM

**This year's Adopt-a-Plane outing to wash the SNB-5 will take place May 7, 2016 at 11:00 am at Selfridge ANG Base. If you wish to participate, please see Randy Hebron at the April meeting to sign up, or for any questions you have about the event. The background check information is due at least one week prior to the event, and foreign national contact sheets must be returned to Selfridge Security at least 20 days prior.**

Before your arrival at the Selfridge Visitor's Center or Main Gate: You must have a background check performed by Security for everyone over the age of 16 that has a driver's license, and provide a complete list of guests without a driver's license. Vehicle registration will be completed at the Selfridge Visitors Center or Main Gate upon your arrival.

1. Security Forces must have a preliminary list indicating, by name, all guests who do not have a driver's license or State ID card.
2. All vehicles driven by an individual without a current and valid Government ID Card must register the vehicle for a Visitor's Pass at our Visitor's Center or Main Gate when they arrive and before the vehicle(s) can enter the installation.
3. Security Forces must obtain advance information on foreign nationals. A more comprehensive foreign national information sheet must be completed at the Visitor's Center or Main Gate upon arrival. Passports must be carried at all times and foreign nationals must be personally escorted on and off base by an authorized escort officer either in the escort officer's vehicle or the foreign national's vehicle. The Foreign Visitor Contact Sheet (one sheet for each individual) must be filled out completely and received no later than 20 working days prior to the visit.
4. Current and valid driver's license, vehicle registration, and proof of vehicular insurance will be required from each driver.

Because Chapter 113 members are assisting in the Adopt-A-Plane program, admission charges to the museum for participants will be waived, however, guests not actively participating will be asked to pay \$4.00 for adults, \$3.00 for children 12 and under, when they arrive at the museum.



The 2015 crew with the SNB-5.  
*Photo Courtesy of Shunsuke Shibata*



## EAA CHAPTER 113's 55<sup>TH</sup> ANNUAL AWARDS BANQUET



MC for the evening's festivities, our very own "Bob Hope" John Maxfield.  
*All Photos on following pages  
Courtesy of Shunsuke Shibata*

















"Bob Hope" presenting our event planner extraordinaire, Debbie Forsman, with a small token of our appreciation for all her hard work.



Musical entertainment for the evening provided by "Harmony 4 Fun"



This year's Builder's Award presented to Levon King for completion of his RV-9A project.





To the Heroes of EAA Chapter 113,  
*We say Thank You for your service!*





## YOUNG EAGLE UPDATES

Spring brings the return of birds to enjoy the sunny blue skies. It is also the time for several anxious youth to experience their first taste of flight. EAA 113 has two dates already set for Young Eagle groups on April 23rd and May 14th. We need several volunteers to make these events go smoothly and safely.

We have scheduled a special YOUNG EAGLES MEETING on April 9th at 9:00 a.m. to discuss the requirements for the EAA Youth Protection Program as well as review the specific procedures we will follow for our events. It is important that anyone that plans on volunteering for our Young Eagle events throughout the year, in any role, to please attend this meeting.

The excitement builds for the Young Eagle Program this year as we anticipate reaching the goal of flying 2 million young people! EAA has announced that all pilots who fly at least 10 Young Eagles between January 1 and June 30, 2016, will automatically be entered in a special 2 Million Celebration. Three pilots and their guests will sit with our current and past Young Eagle chairman at the Wednesday Young Eagles dinner during AirVenture. In addition, they will each receive weekly AirVenture wristbands and a flight in the Bell 47 during AirVenture 2016. Let's get flying so perhaps one of our own members could enjoy this opportunity!!

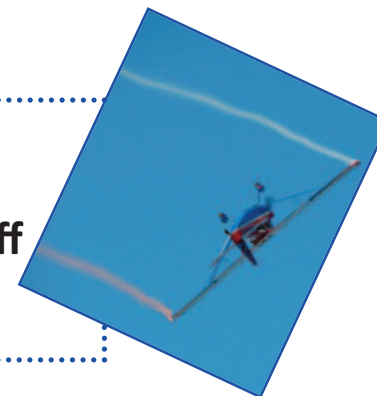
The deadline for compliance to the new Youth Protection Policy is May 1st. If you have not already done so, please take 15 minutes and go to [www.eaa.org/youthprotection](http://www.eaa.org/youthprotection) to complete your training. Questions can be directed to Debbie at 734-751-5871.



# ANNOUNCEMENTS



This month's meeting program will be Don Weaver's  
"Aerobatics/Tailwheeling/Soaring: why the unusual stuff  
is so valuable for pilot skills".



Please send your submissions for video of the month  
to VP Sanjay Dhall at [sdhall102@gmail.com](mailto:sdhall102@gmail.com).







# April 2016



Sun

Mon

Tue

Wed

Thu

Fri

Sat



*Introduce someone to flying-Give an Eagle Flight!*

3

4

5

6

7 **EAA 113 Homebuilder's Meeting 7:30 pm**

8

9 **Breakfast @ 3 Brothers 8:15 am**

Young Eagles Meeting 9:00 a.m.



10



11

*105 Days until AirVenture!*

12

13

14 **EAA 113 Board Meeting 7:30 pm**

15

16 **Breakfast @ 3 Brothers 8:15 am**



WMU Breakfast Fly-In Battle Creek 9:00-2:00

17

18

19

20

21 **EAA 113 General Meeting 7:30 pm**

22



*Earth Day*

23 **Breakfast @ 3 Brothers 8:15 am**

Young Eagles 8:30 a.m.



24

25

26



27

*"Watch that Spring weather!"*

28 **EAA 113 Safety Meeting 7:30 pm**

29

30 **Breakfast @ 3 Brothers 8:15 am**



# May 2016



Sun

Mon

Tue

Wed

Thu

Fri

Sat

1

2



3

4

5

**EAA 113  
Homebuilder's  
Meeting 7:30 pm**

6

**7 Breakfast @ 3 Brothers  
8:15am**

**Selfridge Plane  
Wash**



8



9

10



11

12

**EAA 113 Board  
Meeting 7:30 pm**

13

**14 Breakfast @ 3 Brothers  
8:15am**

**Young  
Eagles 8:30 a.m.**



15

16

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19

**EAA 113 General  
Meeting 7:30 pm**

20

**21 Breakfast @ 3 Brothers  
8:15am**



Fly-In Tecumseh Mills Airport  
Arrive at Noon Lunch 1:00

22

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24

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26

**EAA 113 Safety  
Meeting 7:30 pm**

27

**28 Breakfast @ 3 Brothers  
8:15am**

29



**Pancake Breakfast  
Jackson (JXN) 7-12**

30



31





**Next Meeting :**  
**Thursday, April 21, 2016**  
**7:30 PM at the**  
**EAA Aviation Education Center**



**EAA Chapter 113**  
8512 N. Lilley Rd  
Canton, MI 48187

