



**Next Meeting: Thursday, October 15th, 2009
7:30 PM at the EAA 113 Aviation Center**

EAA Chapter 113
Mark Freeland
42636 Faulkner Drive
Novi, MI 48377

EAGLE'S PROPWASH

October 2009 Issue



CHAPTER 113

"The Backyard Eagles"

Mettetal Airport (1D2), Canton, Michigan



Blue Angels Departure
Photo courtesy of Shunsuke Shibata

Our Web Site: www.eaa113.org EAA113@yahoo.com
**Meetings: 7:30 p.m. the 3rd Thursday of each month at the
*EAA113 AVIATION EDUCATION CENTER!***

Member Services

President: Dave Buck (734) -4535375
Vice President: Jim Trick (248) 766-2092
Secretary: Bob Wagner (313) 274-8292
Treasurer: Grant Cook (734) 223-2688

Board of Directors:

Al Bosonetto David Forsman
 Pete Waters Bill Brown
 Mike Scovel Rick Titsworth
 Bob Skingley Tom Smith
 Joe Griffin Pat Charles
 John Maxfield Lou Lambert
 Barb Cook Sean Crooks
 Les Gallagher

Membership Committee:

-Roster: Mark Freeland (248) 624-9654
-Dues: Grant Cook (734) 223-2688

Technical Counselors:

Joe Hillebrand (480) 895-6314
 Randy Hebron (734) 326-7659
 Pete Waters (248) 437-4244
 Dan Valle (313)-539-9818

Flight Advisors:

John Maxfield (248) 348-1417
 Dan Valle (313)-539-9818

Scholarships: Howard Rundell (734) 658-7701

Library: Barb Cook (734) 277-3469

Young Eagles:

Dave James (734) 721-4213
 Debbie Forsman (734) 397-3452

Bald Eagles: Mark Freeland (248) 624-9654

Refreshments: Joe Griffin (734) 455-3107

Newsletter: Pat Charles (248) 978-3772
bittybipe@wideopenwest.com

Webmaster: Donna Monson

webmaster@eaal13.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

Mission Statements Chapter

"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.

Calendar of Events

October 2009

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	29	30	1 7:30p Homebuilders Project Corner	2	3 8:30a Breakfast at Coney
4	5	6	7 7p Midwest RC	8 7:30p EAA Chapter Safety Seminar	9	10 8:30a Breakfast at Coney 9a Young Eagles Flights
11	12	13	14 7:30p Ford Eagles	15 7:30p Chapter meeting	16	17 8:30a Breakfast at Coney 9a Young Eagles Flights
18	19	20	21	22	23	24 8:30a Breakfast at Coney
25 12p EAA 113 Newsletter Deadline	26	27	28	29 7:30p EAA Board Meeting	30	31 8:30a Breakfast at Coney

FOR SALE!

Powered Parachute

2001 Harmening High Flyer Executive
Two-seater
65HP Two stroke, Fuel injected, Hirth Engine
Electric start, Three blade propeller
3 (yes THREE) hrs. Total Time: Airframe and Engine
Altimeter, CHT, EGT, Tiny Tach
Wheel pants, Open Trailer
Jim Trick
248-766-2092

Sonex kit #543 is up for sale!

#543 has the Jabiru 3300 engine mount, tail wheel, and dual controls. The aircraft is approximately 60% complete. It was purchased in 2004. There are many extras for the aircraft that were accumulated over the years that would be included. There are photos available Asking \$11,995.00. Please e-mail your questions to: ds48393@mac.com.
Dean Schenk

ZENITH-STOL CH 701 KIT

2-place, 5% complete, will crate
Pristine condition. Purchased in 2006.
All the Options including Czech firewall forward kit \$19.350.
Contact Bruce or Jim at (989) 683-0501 or (989) 751-7349.
OR on the web at:
Bdurocher@charterMI.Net
Inspections by appointment! –Bay City, Michigan

President's Podium



Dave Buck (734) 453-5375
dbuck19208@aol.com

Next month on the first Friday of November the Backyard Eagles are again starting *Friday Night at the Movies* at the *EAA 113 Aviation Center Theatre*. Movie starts at 7:30, popcorn and refreshments are available. This is your chance to check out our new high-definition projector. Bring a friend and enjoy an old or new aviation motion picture. Movies will continue through the winter months on every first Friday.

Elections are also coming up in November. If you are interested in running for an office, or becoming a member of the board of directors contact Al Bosonetto. There are some Board positions opening up. This is your opportunity to join the fun and keep this a successful chapter.

The chapter has scheduled a number of events to be held in the upcoming months. Currently on the list are; Young Eagle Flights, a Chili Cookout in November, monthly Friday Night at The Movies, the Frostbite Chili Fly-in, the Annual Chapter Banquet, the ever-popular monthly meetings, Safety Seminars, Homebuilders Discussion Group, and nobody wants to miss Saturday morning breakfast at the Coney Island. Check the Chapter website (www.eaa113.org) or Yahoo calendar for dates and times.

Did you know that October 23, 2009 marked the fifth anniversary of the grand opening celebration for the EAA 113 Aviation Center?

Dave Buck

Paulson Aviation *Library*



Barb Cook (734) 223-2688
barb@armipay.com

Our most popular books seem to be the Time-Life Series:

EPIC OF FLIGHT
AERONAUTS
AIRLINE BUILDERS
AMERICA IN THE AIR WAR
ARCHITECTS OF POWER
BARNSTORMERS & SPEED KINGS
BUSH PILOTS
CARRIER WAR
DESIGNERS & TEST PILOTS
EXPLORERS
FIGHTING JETS
FIRST AVIATORS
FLYING THE MAIL
GIANT AIRSHIPS
HELICOPTERS
JET AGE
KNIGHTS OF THE AIR
LUFTWAFFE
PATHFINDERS
RAF AT WAR
ROAD TO KITTY HAWK
SOLDIERS OF FORTUNE
WOMEN ALOFT

We believe we are still missing one title from this series. If you have an additional one, we'd love to have it.

They are located behind the OVER SIZE bookshelf.

Thanks, Barb



25th Annual Stinson Reunion, 2009

17 Stinson's flew in to Auburn IN (GWB), just North of Ft. Wayne, IN. This shows Dave James and other Stinson pilots in front of Carl Shemwell's 108-3. B & G Cook also flew in.

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Young Eagles

Please reserve the following dates to help out at our upcoming Young Eagles events. We have groups scheduled for each of these dates and will need ground support, class instructors as well as pilots. One of the goals of EAA is to pass along an interest in aviation to future generations. What can YOU do to help? If you are available, please let Debbie know she can count on you! (734) 397-3452

Saturday, October 10th, 2009 9:30 a.m. (Brief aerodynamics class and flights only)

Saturday, October 17th, 2009 9:30 a.m. (Flights only)

Saturday, November 21st, 2009 9:30 a.m. (Rotation through mini-classes on aerodynamics, navigation, careers, helicopter aerodynamics, and preflight the finishing with flights. Followed by EAA 113 Annual Chili-Fly-In.)



EAA Chapter 113 Studs

(From left to right)

Al Bosonetto, Lou Lambert, John Maxfield, Dirk Damen

Is that another Dark Cloud Overhead?

I am getting very frustrated at the progress of finalizing the repairs and changes to my AVID plane. It has been flying, and the new landing gear is a vast improvement over the previous version. However, I have been plagued with fuel leaks in the system.

I have replaced all the rubber hoses with lined injection lines, and that was not an easy task. I also removed the service valves in each feed line from the wing tanks to the header tank, and also removed the quick drains as they were prone to leak and now are not needed with the gascolator being the lowest point in the fuel system.

Each wing tank has a fuel level gauge, a float system to a dial on the root. These units are then secured to mounting flanges that are bonded to the root ends of the wing tanks

I had to re-glue the right wing flange a while back, as it leaked and was probably thumbed in the accident. Now, the left flange has had to be reset too, as it was leaking fuel. When I removed the filler and covering material from the top surface of the flange, it showed that the leak was between the fiberglass tank end, and the flange.

Looking back at the adhesive, which is Scotch Weld 2216 two part structural adhesive. I have had complete confidence in its properties, as both Kit Fox and Avid uses this product to glue together the wooden wing ribs to the tubular spars, and their tests show it was long-lasting and being slightly flexible, it would stand up to vibration.

Dave James uses the same epoxy to seal the fuel tanks he services, and both Mark Freeland and I considered the product capable of sticking anything to anything.

Now, I have had three occasions to remove the adhesive; twice in the case of the wing tank gauges, and once in my Nieuport 17 tank, where it broke loose as a sealer in the internal seams.

The common item is Auto Gasoline!

I have been mixing 4 parts of 92 octane auto with 1 part 100 ll and 4 oz of Marvel Mystery Oil and it appears that as Dave does not use auto fuel in the helicopter tanks, the adhesive is failing with auto fuels. I looked at the specs for the adhesive, and it does not mention the new autofuel blend with Ethanol. I plan to run tests of both fuels with several examples of the joints, when Rita supplies me with the jam jars. Meanwhile, Ill have to research other adhesives and test them. Hence the dark cloud, Pete.

Photos of the Navy's 1st aircraft carrier

Eugene Ely takes his Curtiss pusher airplane off from the deck of USS Birmingham on 14 November 1910 (Hampton Roads, Virginia). It was the First airplane takeoff from a warship. He flew for two miles before landing on a Willoughby Spit beach. It was a big success and so they decided to continue experiment. But this time, a plane had to land on a ship. It happens on 18 January 1911. Eugene Ely lands with the same plane on USS Pennsylvania, making this first landing on a warship in history and a historical event.

