

**EAA Chapter 113**  
Mark Freeland  
PO Box 193  
Keego Harbor, MI 48320

**Next Meeting: Thursday, December 16, 2010  
7:30 PM at the EAA 113 Aviation Center**

# ***EAGLE'S PROPWASH***

November 2010 Issue



**CHAPTER 113**

***"The Backyard Eagles"***



**Bearhawk**

*Photo courtesy of Patrick Charles*

Our Web Site: [www.eaa113.org](http://www.eaa113.org) [EAA113@yahoogroups.com](mailto:EAA113@yahoogroups.com)  
**Meetings: 7:30 p.m. the 3<sup>rd</sup> Thursday of each month at the  
EAA113 AVIATION EDUCATION CENTER!**

## Member Services

**President:** Tom Smith (734) 748-7940  
**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  
 Scott Hebron Patrick Hebron

### 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](mailto:bittybipe@wideopenwest.com)

**Webmaster:** Donna Monson

[webmaster@eaal13.org](mailto: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

### December 2010

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	1 7p Midwest RC	2 7:30p Homebuilders Project Corner	3 7:30p Friday Night Movies	4 8:30a Breakfast at Coney
5 12p Tom Smith	6	7	8 7:30p Ford Eagles	9 7:30p Safety Meeting on Lake Erie ditching	10	11 8:30a Breakfast at Coney
12	13	14	15	16 6:30p EAA 113 Christmas Gathering and annual awards dinner. Please bring a dish to pass	17	18 8:30a Breakfast at Coney
19	20 2p Coves of Canton	21	22 2p Poker Tournament	23 2p Poker Tournament	24	25 Christmas
26	27	28	29	30 7:30p EAA Chapter 113 Board Meeting	31 New Year's Eve	1 New Year's Day

## HANGAR SPACE AVAILABLE!!

There is room for at least one aircraft to rent room in our heated Chapter Hangar. Where else on airport can you have access to heat, air, bathrooms, and a kitchen!!

Contact the chapter building committee for more details.

## Paulson Aviation *Library*



Barb Cook (734) 277-3469  
[barb@armipay.com](mailto:barb@armipay.com)

Joe Hillebrand has gifted us with two NY Times bestselling books on WW II, both by Oliver North with Joe Musser:  
War Stories II: Heroism in the Pacific  
War Stories III: Heroes Who Defeated Hitler

Both contain DVDs with clips from the TV series connected with these books.

I read the chapter on the Battle of the Bulge (Bastogne, Belgium- Christmas 1944.) I've been interested in this event since I lived not so far away on the border of Germany and Luxemburg, and visited the "Nuts" museum in the middle of town. The story is told by the interconnected narratives of 4 participants. An infantryman, a paratrooper, an officer, and a Belgian boy. I now know who (Gen. Harry McAullife, as urged by the narrator, Col. Harry Kinnard) and why the Americans' responded to the German officer's formal and wordy written demand for surrender, simply, "Nuts!"

Both books have supplementary materials:

TABLE OF CONTENTS-by battle

EPILOGUE- photos and brief bios of what happened after the war to these same heroes relating the history.

TIMELINE OF WWII in the PACIFIC

GLOSSARY of abbreviations

ACKNOWLEDGEMENTS

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North and Musser's use of personal interviews of people in the war was extremely powerful. One chapter at a time was all I could handle. As they concluded about winning the Battle of the Bulge, this was not a strategic victory; it was achieved by "the sheer courage of the American fighting man... who refused to give up."

What a book, told by the people who suffered and watched their buddies fall and die.

Barb

## President's *Podium*



Tom Smith (734) 748-7940  
[tgsmith398@comcast.net](mailto:tgsmith398@comcast.net)

I have to start this month's column on a sad note. A long time chapter member, **Herman Cutshaw**, passed away last month after a long illness. We will all miss him greatly.

This month's chapter Christmas party will be a little different. We will also be presenting our chapter awards at the same time. It is open to all members, family and friends. Dinner will be potluck, so please bring a dish to pass. The chapter will be supplying a turkey.

The reason for changing our December gathering format is because 2011 is EAA 113's 50th anniversary. To celebrate, we will be having a banquet on Friday, April 29th. The new President of EAA, **Rod Hightower**, will be our special guest for the evening. The dinner will be held at the EAA 113 Aviation Center. Keep watching the website for when tickets will be available.

The Great Lakes International Aviation Conference will be held at Eastern Michigan University this time around. It will be a one day only event, on January 8th. Registration after December 1st is \$25. I hope to see you all there. I want to thank everyone that helped out with the Young Eagles Day and Chili Fly in on November 13th. We flew 28 members of the Southfield Young Astronauts that morning, and most of them had a great experience. I even heard of a couple "awesome's" after they got back on the ground. We had a great variety of chili, and a lot of chili lover's as well. There wasn't anything left by the end of the day.

As a reminder, there will be another poker tournament this year. It will be at a new location in Southfield on December 22 and 23, and each day runs from noon till 2A.M. We will need 2 members there at a time in 4 hour shifts. Contact John Maxfield to help out, or sign up on the schedule in the meeting room.

The Dalton EAA Chapter is once again trying to schedule a trip to the US Air Force Museum in Dayton. It will be on February 26, departing from Dalton airport. They will make a stop in the Brighton area along US 23 for any of our members that would wish to go. See the attached announcement for details.

Tom

## EAA CHAPTER 113 2011 AVIATION STUDIES SCHOLARSHIPS

EAA Chapter 113 Board of Directors has approved two, one thousand dollar (\$1000) scholarships for the 2011 Aviation Studies Scholarship program to be awarded to qualified local graduating high school seniors, college students or students attending the Michigan Institute of Aviation and Technology who are or will be enrolled in an aviation major curriculum.

Recognizing the EAA's primary interest in promoting sport aviation, the applicant eligibility criteria again includes high school graduates twenty-five years old or younger as of April 8, 2011 regardless of their course of post high school studies who are active flight students at an approved flight training facility and who have completed their first solo flight. The money if so awarded would be directed specifically at the continuation of the scholarship recipient's flight training.

In its twenty-third year, the EAA Chapter 113 program has awarded approximately twenty-three thousand five hundred dollars (\$23,500) to forty individual scholarship winners since the first awards were made in 1987. (Early records are incomplete) This is great testimony to the Chapter's dedication to the promotion of sport aviation and aviation careers among local area young adults.

The Chapter's membership is the best source of candidates. Members should consider it a mandate to be at the forefront in actively promoting aviation careers and sport aviation, encouraging young aviation-minded men and women to apply for the 2011 scholarships. A copy of the member sponsored scholarship application appears in this month's newsletter.

If you have any specific questions, please contact Scholarship Chairman Howard Rundell at 734 658-7701 [g5av8or@aol.com](mailto:g5av8or@aol.com) or any Chapter Officer.

### Part I in a 5 part series:

## Marvel Mystery Oil

**It's mysterious,  
alright, but how  
marvelous is it—  
especially for  
aircraft use?  
The story behind  
the art deco can.**

Not long ago, a rather befuddled Cessna Skylane owner called our editorial offices. He said he'd been having severe oil consumption problems, a quart every two or three hours. In a desperation last-gasp attempt to avoid a top overhaul, he told us, he had poured into his crankcase some snake-oil stuff in an antique-looking red and black can called Marvel Mystery Oil. Although it was not approved for use in aircraft engines, several of the old-timers around his airport had suggested he try it.

So what happened? Well, the Skylane owner told us in amazement, immediately after he added the Mystery Oil, his oil consumption dropped rapidly, stabilized at about a quart every 10 hours, and had remained at that level ever since. "I was totally flabbergasted," he told us. "Can a pint of red stuff that smells like wintergreen really do that?"

Marvel Mystery Oil is one of grass-roots aviation's minor underground phenomena. Shrouded in mystique, it has been used in cars and trucks for some 70 years, and is claimed to perform all sorts of beneficial functions in automobile engines. Add Mystery Oil to the crankcase, and it will "prevent gum, sludge, varnish and harmful residues, will neutralize acid formations and improve viscosity index, protect hydraulic

valve lifters, and will reduce harmful effects due to crankcase oil dilution."

Mix it in with the gasoline, and Mystery Oil is claimed to "combat internal motor rust and corrosion, lubricate valves, piston rings and upper cylinder walls, and eliminate valve sticking." As if that weren't enough, MMO "also keeps fuel pump and carburetor parts clean, eliminating the need for frequent adjustments" and "retards formation of power-dissipating motor deposits, such as gum, varnish and sludge." Whew!

From all reports, MMO has been used in aircraft engines for almost as long as in cars. Although years ago the Mystery Oil can had a picture of an airplane on it (in addition to a car and various other machines), it's never been FAA-approved, and company spokesman today get very nervous at the mention of the word "airplane." Nevertheless, our recent request for feedback from aircraft users elicited numerous replies, several from old-time A&P mechanics and plane owners who claimed to have used Mystery Oil in aircraft engines for 40 years or more.

(Some pilots, apparently fearing FAA reprisals, refused to give their names. We got feedback on Mystery Oil from, among others, A Pilot In Maryland, Well-Oiled in Mississippi, ATP/South, and No Name From Tucson.)

#### Good Feedback

Most of our feedback was positive, some neutral or undecided, and nobody had a bad word to say about Mystery Oil. "I wouldn't fly without it!" crowed one hyperenthusiastic pilot. "No mystery. It's marvelous," wrote another. The

prime benefit cited was unsticking valves and rings. Others told of easier starting. Some could prove no specific benefits, but bragged about high-time engines that purred like kittens to TBO and beyond on a steady diet of Mystery Oil. (One fellow reported he'd used Mystery Oil in the C-85 in his Cessna 140 for 30 years, and it ran flawlessly for 1,800 hours without ever having a cylinder removed.)

Are these pilots seeing real benefits, or are they merely the victims of self-delusion and a strong psychological urge to credit Mystery Oil for everything good about their engine and conveniently blame the bad on other factors? Miracle additives are notoriously difficult to prove or disprove scientifically, and millions of dollars profit have been made selling useless junk to poor suckers who rely on anecdotal evidence to feed their dreams of getting something for nothing.

The FAA has approved a few additives for aircraft fuel and oil (Prist

*Not exactly high-tech, the oil's basic formula hasn't changed much since 1917.*



The Aviation Consumer September 1 1987



Great Lakes Aviation Conference  
January 8, 2011  
Eastern Michigan University – Student Center  
Ypsilanti, Michigan

[www.GreatLakesAviationConference.com](http://www.GreatLakesAviationConference.com)

Ph: 517-548-1200

Fax: 517-552-2700

Name \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Ph \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

Pilot     Mechanic     FBO/Airport Mgr     Student     Other



**Conference Registration Fees**

To receive discount,  
Registration must be received by December 1, 2010

Registration includes all-area access to Exhibit Floor, entry to all seminars, break-out sessions and keynote speaker sessions

Pre-Registered Rate - \$20

Onsite Registration - \$25

**PAYMENT INFORMATION**

Please make check payable and mail to:  
Laurex, LLC, 5888 Sterling Dr., Howell, MI 48843 OR  
Fax credit card payment to 517-552-2700 VISA and MC only

Credit card number \_\_\_\_\_ Exp \_\_\_\_\_

Signature \_\_\_\_\_ 3-Digit \_\_\_\_\_

**CHAPTER 113 EXPERIMENTAL AIRCRAFT ASSOCIATION  
2011 AVIATION STUDIES SCHOLARSHIP**

**CHAPTER 113 MEMBER SPONSOR APPLICATION**

Two one thousand dollar (\$1000.00) scholarships will be awarded by Chapter 113 to graduating seniors from the Plymouth, Canton, Salem, Livonia, Northville, Novi and Wayne-Westland area high schools and students enrolled in the Michigan Institute of Aviation and Technology. **Graduating seniors from other local area high schools as well as students already participating in a post high school curriculum are eligible when sponsored by a current member of EAA Chapter 113.** Minimum qualifications are: 3.0 G.P.A., admission to a college, university, or trade school majoring in aviation related studies such as Aeronautical Engineering, Aircraft Mechanics/Technology, Pilot Training, etc. **Additionally, the scholarships are being offered to area high school graduates twenty-five years of age or younger as of April 8, 2011, who though not enrolled in a post high school aviation curriculum, are currently active flight students in an approved flight school and have completed their first solo flight. These monies would be directed specifically at the continuation of this flight training.**

PLEASE NOTE: Under certain circumstances, some exceptions to the above qualifications may be considered by the Chapter's Board of Directors.

Please submit the following information to the EAA 113 Scholarship Chairman at the address listed below **post marked no later than April 8, 2011.** Pending final selection, the top four candidates from all sources will be contacted by phone by the Scholarship Chairman, Howard Rundell for a short interview. Selection and notification of the successful candidates will be made before the end of May 2011.

NAME:

BIRTH DATE:

ADDRESS:

PHONE NUMBER: (     )     )

EMAIL ADDRESS:

HIGH SCHOOL GRADUATING FROM:

GRADE POINT AVERAGE: \_\_\_\_\_ . **PLEASE ATTACH COPY OF GRADE TRANSCRIPT**

**NOMINATING EAA CHAPTER 113 MEMBER NAME:**

HIGH SCHOOL OR OTHER EXTRA-CURRICULAR ACTIVITIES:

FLIGHT SCHOOL LOCATION, COLLEGE, UNIVERSITY, OR TECHNICAL SCHOOL ATTENDING OR TO WHICH ACCEPTED:

MAJOR:

FLIGHT TRAINING APPLICANTS, PLEASE ATTACH COPY OF LOG BOOK SOLO ENDORSEMENT

IN YOUR OWN WORDS, STATE WHY YOU SHOULD BE CONSIDERED FOR THIS SCHOLARSHIP. **IT IS IMPORTANT TO NOTE THE AWARDING OF THIS SCHOLARSHIP IS NOT BASED ON FINANCIAL NEED.**

**YOUR COMMENTS SHOULD CAPTURE YOUR PASSION FOR AVIATION.** (Please type and attach to this application)

**RETURN APPLICATION AND SUPPORTING DOCUMENTS POST MARKED BY APRIL 8, 2011 TO:**

**HOWARD RUNDELL  
21773 NORTH CENTER ST  
NORTHVILLE, MI 48167-2113  
(734) 658 7701 [g5av8or@aol.com](mailto:g5av8or@aol.com)**