

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

**Next Meeting: Thursday, June 16th, 2011  
7:30 PM at the EAA 113 Aviation Center**

# ***EAGLE'S PROPWASH***

June 2011 Issue



**CHAPTER 113**

***"The Backyard Eagles"***



Beech 18 Wash Crew at Selfridge

*Photo courtesy of Shunsuke Shibata*

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  
 Dave Buck

### 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

June 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30 Memorial Day	31	1	2 7:30p No Homebuilder's Project Corner this month	3	4 8:30a Breakfast at Coney
5	6	7	8	9 7:30p No Safety meeting 7:30p Rescheduled Homebuilders corner	10	11 Cancer fundraiser 8:30a Breakfast at Coney
12	13	14	15	16 6:30p EAA 113 Chapter meeting and cookout	17	18 8:30a Breakfast at Coney
19 7a Father's Day Pancake Breakfast	20	21	22	23	24	25 8:30a Breakfast at Coney
26	27	28	29	30 7:30p EAA Chapter 113 Board Meeting	1	2 8:30a Breakfast at Coney

# PLATING PRECAUTIONS

Amateur aircraft builders should be very cautious about chrome and cadmium plating. Seeing highly attractive plated parts on other airplanes, the temptation is to have similar parts on ones own airplane plated.

However, there is more to it than meets the eye! Non structural parts, such as engine rocker arm covers, wheel hub caps, door handles and so on, can be plated by any commercial plating shop with no precautions other than what may be needed to obtain an attractive job.

Structural parts which are to be plated should be taken only to a shop which specializes in, and is equipped to do INDUSTRIAL PLATING, as opposed to simple decorative plating. The kind of work coming under the industrial plating classification includes plating done to protect parts, to build parts up to a certain dimension, to repair old parts by building up worn spots, and so on.

The higher the grade of steel used for a part, the more important it is to have such an expert shop do the plating. Improper chemical content of the plating solutions – and there are many kinds in use – and improper procedures in doing the plating will often suffuse hydrogen ions into the steel and make it become brittle. Most of the hydrogen can be removed by heat treating, hence the importance of taking the work to a shop which understands such advanced plating processes and is equipped with ovens of suitable size to heat plated parts to 300 degrees F or more.

In general, do not plate structural parts just to make them look nice. If you must plate, pick an ethical shop and make sure they know that they are plating aircraft parts. Be cautious with steel parts such as chrome moly and anything harder. Never re-plate hard steel items such as streamlined wires, bolts, bearings, AN hardware, rocker arms, etc.. If for any reason plating of such items seems essential, consult experts first.

Charles Lasher EAA 1419 Sport Aviation 1963

# President's *Podium*



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

On April 29th, we celebrated the chapter's 50th anniversary. Rod Hightower was our guest, and he gave a wonderful talk about his history and his plans for EAA. He also presented a plaque honoring our chapter's anniversary.

I want to thank all those who helped make this event the success that it was, especially Debbie Forsman, John Maxfield, Dave Buck, Mark Freeland and Shunsuke Shibata for all the work that they did. We all had an enjoyable evening.

Our annual Father's Day Pancake Breakfast is on June 19th. This is our biggest fundraiser of the year and is the event that supports the Chapter EAA 113 Aviation Scholarships, which the chapter has given out for the past 24 years. Once again, we will be giving out two scholarships to aviation students. Please plan on attending and invite your family, friends, neighbors and co-workers to join us. The pancake breakfast has been a Chapter 113 tradition for over forty eight years. Come out and enjoy the food and friends.

Before that event, on June 11th, there will be a fundraiser for childhood cancer at Mettetal Airport and at the Chapter 113 hangar. Go to [www.blastnb.com](http://www.blastnb.com) for details.

We are going to have a BBQ before the June meeting. It will start at 6:30 and the club will be providing hamburgers hot dogs, pulled pork sandwiches and soft drinks. Bring a dish to pass if you can. The program is scheduled to be our own Nick Forsman telling his adventures as a controller at Grand Rapids.

As always, please contact me for suggestions for fly out destinations. We are trying to schedule a fly out to Al Bosonetto's place on Harsen's Island. Details will be forthcoming.

Check the website, [www.eaa113.org](http://www.eaa113.org) , for other news.

Tom

# Paulson Aviation *Library*



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

Ever dreamed of being a bush pilot?  
Here's your guidebook:

THE BUSH PILOTS (one of the Time/Life EPIC OF FLIGHT series.)  
You have 5 dream-career choices:

1. A WILD NORTHERN BREED (Canadian/Yukon territory during the cold rush) There's a story of the planes that landed on the frozen Arctic Ocean to attempt a rescue of an iced-in ship.
2. ADVENTURES IN THE OUTBACK
3. CHALLENGE OF NEW GUINEA
4. LURE OF LATIN AMERICA – good for wanna-be float plane pilots. These pages make you sweat not shiver.
5. DEADLY DEADLY GAME – Glacier pilot on Denali (Mt. McKinley, Alaska.) My first choice by far. But I cheated- I've "been there- done that". No, I wasn't the pilot when we landed on the Ruth Glacier, but I made sure my pilot-husband was in the right seat.

And our lifetime EAA 113 member Tim Buechele lives up there in town of Talkeetna, home of the 2 closest airstrips.

So I sucked in every word written about Don Sheldon and how he created Talkeetna Air Services after he returned from WWII. My favorite photos are on pages 161 and 163: looking out the Cessna 180's front window across at a mountain peak, and the one with the plane having almost ground looped to a stop pointing downhill but showing the same porta-potty-sized climber's hut still in use when we were there in 1994. You are welcomed to read this too.  
Color pictures, Bibliography, and Index.

# From the Flight Surgeon

This month's article has nothing to do with medicine. Some of you may be aware that I have been working with the Space Shuttle program for a little over a decade now. On July 8 Space Shuttle Atlantis STS-135 will launch to end a 30 year program which has seen both incredible triumph and disheartening tragedy. NASA has turned a corner and will depend on private companies to provide support for the International Space Station and other low earth orbit endeavors. NASA intends to set its sights on human deep space exploration. It will be a few years before the US based contract companies will be ready to put astronauts in space and till that time the Russians will be the only game in town with their Soyuz capsule.

If you have ever wanted to see a Space Shuttle launch, this is your last chance. I will be working the launch and landing. Feel free to contact me if you would like information regarding the good viewing sites! Fly Safe!

Gregory Pinnell, MD  
Senior AME/Flight Surgeon USAFR  
[www.OK2FLY.com](http://www.OK2FLY.com)



# NEW PRODUCT!

**Retro RC** is pleased to announce the introduction of a new glider kit intended especially for the young. It is a 10" wing span job which can be assembled right from the kit with no tools, no sandpaper and no glue. It is held together with three rubber bands, can be colored with markers and flies pretty well too. I am celebrating its introduction by donating 100 kits to the EAA Chapter to sell at the pancake breakfast to support our scholarship fund, and I am also donating 100 kits to the McMaster family's fund raising efforts for Children's cancer research, which is to be held at the chapter hanger on June 11th and a further 100 to the Detroit Cloudbusters model airplane club to encourage young people to try out the hobby.

Mark  
[www.RetroRC.us.com](http://www.RetroRC.us.com)  
248-212-9666



## **Experimental Aircraft Association (EAA) Chapter 113 Aviation Studies Scholarship Program Celebrates Twenty-Fourth Anniversary**

In 1987, Chapter 113 of the Experimental Aircraft Association (EAA), located at Plymouth-Canton Mettetal Airport in Canton, Michigan established an Aviation Studies Scholarship Program designed to encourage, recognize and support deserving area students pursuing an aviation career and to provide a continuing contribution to the community using funds raised during the chapter's annual Fathers Day Fly-in/Drive-in Pancake Breakfast. The scholarships are awarded to graduating high school seniors who are accepted to or to students who are already attending a college, university, or technical school majoring in aviation related studies such as Aeronautical Engineering, Aircraft Mechanics and Technology, and Pilot Training. The success of the Pancake Breakfast each year determines the number of scholarships to be granted. Since the program started, forty (42) scholarships have been awarded, totaling more than \$26,500.00.

In this twenty-fourth year of the Chapter's scholarship award program, two one thousand dollar scholarships will be awarded during the Fathers Day Fly-in/Drive-in Pancake Breakfast, open to the public on Sunday, June 19th from 7AM until noon at Plymouth-Canton Mettetal Airport. The 2011 scholarship recipients are Shea Wall, a Plymouth Canton High School graduate enrolled as an Aviation Flight Technology major at Eastern Michigan University and Tim Mindling, a South Lyon-East High School graduate enrolled as an Aeronautical Sciences major at LeTourneau University Longview, Texas.

Both Shea and Tim clearly exude the commitment and passion unique to an exciting career in aviation.

For additional information, please contact:

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EAA 113 Scholarship Chairman  
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# An Active Member

Are you an active member, the kind that would be missed?  
Or are you just contented that your name is on the list?  
Do you attend the meetings and mingle with the flock,  
Or do you stay at home and criticize and knock?  
Do you take an active part to help the work along?  
Or are you satisfied to be the guy who just belongs?  
Do you work on committees? To do this is no trick.  
Or leave the work to just a few and talk about the “clique”?  
So come to meetings often and help with hand and heart.  
Don't be just a member, but take an active part.  
Think it over member, you know right from wrong.  
Are you an active member, or do you just belong?

*(Credit for this inspirational poetry goes to a Chapter 333 newsletter.)*

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