

EAGLE'S PROPWASH

April 2012 Issue
CHAPTER 113

"The Backyard Eagles"



Bill Brown Jr.'s Piper PA-30, formerly owned by Bill Brown, senior
Photo courtesy of Shunsuke Shibata

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

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:

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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) 348-1417

Dan Valle (313) 539-9818

Scholarships: Howard Rundell (734) 658-7701

Young Eagles:

Dave James (734) 721-4213

Debbie Forsman (734) 397-3452

Bald Eagles: Mark Freeland (248) 212-9666

Refreshments: Joe Griffin (734) 455-3107

Webmaster: John Maxfield
webmaster@eaa113.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

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

April 2012

March is generally considered to be a month of contrast, and this past March proved no different. The Chapter lost two long standing members, Henry Moore and Bob Hebron. Last month, Henry was reported as just home from surgery. It was only days later his brother called to tell us of his passing. Bob Hebron's health had been declining even though he'd been at Wednesday coffee in the family shop not too long ago. Randy and Scott's families worked diligently to keep him comfortable and most of the family got to visit him in his final days. Both were great assets to our EAA Chapter and will be dearly missed and not forgotten. We send our sincerest condolences to all who loved them.

Summer like weather in March prompted us to grill burgers and hot dogs before the Chapter meeting. Mother Nature had other plans as storm clouds spawned a tornado in Dexter to our west. About 25 souls braved the elements as we move the pre-meeting BBQ indoors. Thanks to everyone that made the best of it during some pretty spectacular weather. Pete Foster, Airport Manager and Alan Grace Aviation owner, spoke on upcoming changes to the FBO and hangar construction.

But the real surprise came as a guest to our meeting. Yorgous Iliopoulos, pronounced just as it looks... "George", a Greek homebuilder, visiting relatives in Windsor, stopped by our March meeting. When he showed me a picture of his airplane during dinner, it turned out to be the very plane we marveled at 2 or 3 months ago at the Chapter Builders Meeting. This F-15 look alike is powered by a 2 cycle Rotax engine, weighs only 350 kilos, and just plain looks COOL! George was gracious enough to share his story with us on very short notice to everyone's delight. Check it out at "Flight of the "Archon SF1" Aircraft" on YouTube.

Our Annual Award Banquet was March 31st. This year we honored Sanjay Dhall and brothers Scott and Randy Hebron for their successful first flights. H. G. Frautschy, Vintage Aircraft Director from EAA Oshkosh, was the guest speaker. The Hawaiian Luau themed dinner was great fun with lots of prizes, flowered shirts, and flip flops. THANK YOU Debbie Forsman, for months of work putting this together!

Continued on page 5...



PAULSON AVIATION *LIBRARY*

Barb Cook (734) 277-3469

barb@armipay.com

April 2012

I have finally found the books I've been searching for. I found them at a Friends-of-the-Library book sale in Florida! They are *The Second World War* in 2 volumes by Winston S. Churchill and the editors of LIFE Magazine, 1959. I first saw these books 20 years ago with my son, an avid history fan, while in a library that has since "gotten rid of them." They are huge (11" x 14") and weighty in both pounds and subject matter.

The text is abridged from Churchill's six-volume memoirs also entitled *The Second World War*. It includes many full page photos (many color), paintings, maps and charts. It is divided up into small chapters of manageable length. This is not a "read all the way through" book. The subject matter alone is daunting.

Churchill starts off with WW I and the conditions that led into war. Consumers of popular culture can use the PBS-TV drama "Downton Abbey" and the movie "The King's Speech" to set the scene for pre-WW II life in Great Britain. In 1936 King George VI (Bertie) struggled to prepare himself for leadership after the sudden abdication of the English throne by his elder brother Edward VIII.

As usual, my first interest is what happened in the region along the current French/German border. My former residence, while my husband was stationed in Germany, was right there between the Siegfried and Maginot lines of defense, only 25 years after the war. Mr. Churchill covers this in section 2: TWILIGHT WAR –The Front in France. Churchill does not claim to write a history here, but merely a memoir of the events that he witnessed from his positions in both World Wars. He states the Moral of this Work:

IN WAR: resolution

IN DEFEAT: Defiance

IN VICTORY: Magnanimity

IN PEACE: Good Will

There is an index and picture credits at the end of volume II, so you might need that too. Look on the 940.54 shelf. I love it.

PRESIDENT'S *PODIUM* continued...

It's not too early to start planning for our Father's Day pancake breakfast and Oshkosh. All are welcome to attend board and planning meetings. EAA is offering to assist Chapters interested in camping together at AirVenture. EAA 113 has camped together for years in Rockford, Oshkosh, and at MERFI.

EAA Headquarters has recently provided Chapters with an improved set of By-Laws to better define, aid, and protect Chapters in today's business environment. Debbie has combed through them, integrating Chapter 113's By-Laws and policies into one comprehensive document. A change sheet explaining the differences, along with the new proposed By-Laws are available in the Yahoo Newsgroup files, on the bulletin board in the meeting room, or can be e-mailed to you. We will be taking a vote of the membership as required, to adopt the new updated By-Laws, at the April meeting. The April meeting will also feature Mike Kobyluk of Electro Air in Howell, makers of electronic ignition systems for experimental and now certified aircraft. Stay up to date with all of EAA 113 at www.113.eaachapter.org

Happy Landings, John Maxfield



Yorgos Iliopoulos' SF1

Photo courtesy of John Maxfield

COMMUNITY OUTREACH

Debbie Forsman

As many of you are aware, EAA recently realigned the organizational structure to better meet the priorities they were founded upon. The mission of EAA remains the same: to grow participation in aviation, by inspiring people to fly, build, volunteer and outreach to promote aviation. EAA Chapter 113 has demonstrated evidence to support this important objective in various ways over the last 50 years.

Recently, several members have offered their time and talents to “fly a new course” towards that purpose. Jim Morency has been instrumental in organizing a program for local Boy Scouts to meet the criteria necessary for obtaining their Aviation Merit Badge. For three weeks, twelve Scouts from Livonia Troop 1826 have held their weekly meetings at the EAA 113 Aviation Center. The boys have learned about different types of aircraft, parts of aircraft, how they fly, license requirements, airports, and aviation careers.

Through the graciousness of Mettetal Airport Manager, Pete Foster, the Scouts have had opportunities to be up close to airplanes in the maintenance hangar. Jim received assistance from several fellow EAA 113 members: Mike Clapsadle, Pat Trevas, Dave Buck, Mike Scovel, Tom Smith, Ron Ceislak, Ray Vincent and Frank Ferry. Arrangements were made for the Boy Scouts to experience a Young Eagle flight after being signed off on their badge requirements.

Following the belief that it is never too early to introduce a child to aviation, another EAA 113 member also recently reached out to the local community. Schoolcraft College Children’s Center was promoting Reading during the month of March and arranged for “community helpers” to read in their work uniforms to the children. Captain John Maxfield read to 75 excited small children who instantly recognized he was a pilot. They talked about his “big blue jet” and the “little yellow” airplane while the children repeatedly asked, “How do you make the planes fly?” Several students went back to their classrooms and played airplanes the rest of the day (week!).

The FAA recently asked for EAA’s help in a study of the declining pilot population. Their statistical findings were that the Young Eagles Program has proven successful in encouraging aviation and in the pursuit of flying. EAA Chapter 113 will continue to be active participants of Young Eagles; however, no outreach gesture is too small. From elaborate planning and formal teaching to impromptu simple moments, all have value. All these children have been introduced to aviation and affected in some way. Remember the thrill you felt when you first stood by an airplane, then actually touched it!? Have you been in an airport terminal and seen the awe in a small child’s face as he watches as a

person with gold stripes on their sleeve board a jet, and then makes it fly!?

For EAA and Chapter 113 to meet their mission of continuing to grow participation in aviation, we need to reach out beyond that fence that surrounds Mettetal airport. Look about your community for people interested in aviation . . . young and old alike. Invite someone to one of our meetings, offer an empty seat in your airplane, share your knowledge and talents with others, or simply read an aviation story to a child. Share with others what EAA is about and what is possible and achievable in aviation. Reach Out . . . so others may reach for the sky!



Captain John reading to the children at Schoolcraft College Children's Center.

Photo courtesy of Debbie Forsman



Ms. Debbie's 'Homebuilt' project (transformed classroom loft)

Photo courtesy of Debbie Forsman



MORE COMMUNITY OUTREACH

First night...
Intro to Aviation

Boy Scouts
*Photos courtesy
of Pat Trevas*



John R. Geisler Middle School (Walled Lake) model airplane class
Photos courtesy of Mark Freeland





**Mark with
his attentive
students**

NOTES FROM SUNNY FLORIDA

Photos courtesy of Barb Cook



**Chapter 113 member
Howard Rundell with T-28**

**Kermit Weeks' Fieseler
Storch Fi156**



CHAPTER 113's ANNUAL AWARDS BANQUET



President John Maxfield welcomes guest speaker, H.G. Frautschy, Vintage Aircraft Director

*All photos courtesy of
Shunsuke Shibata*



John presenting plaque to Sanjay Dhall for his Q-2



The Hebron brothers, Randy and Scott receive plaques for their Whittman W-8 Tailwind restoration.



John welcomes everyone to the banquet

FROM THE FLIGHT SURGEON

Hearing protection in the cockpit is an important part of good aviation health. Loss of hearing with repeated exposure to loud noises is a well-known phenomenon. Our ability to discriminate speech tends to decline naturally as we age but properly protected our basic hearing declines very little in later years unless other diseases are present. Protect yourself by using the best noise reducing headset your budget will allow and don't forget hearing protection when using powered lawn tools such as lawnmowers and chainsaws. Fly Safe!

Gregory Pinnell, MD
Senior AME/Flight Surgeon USAFR
www.OK2FLY.com

Baumgartner Initial Test Jump a Success

March 22, 2012 – Austria's Felix Baumgartner and the Red Bull Stratos project are fixing to break the longstanding altitude record for skydiving held by Joe Kittinger, and last week the team took a big leap toward that goal when Baumgartner jumped out of a specially made pressurized capsule for the first time from 71,580 feet over New Mexico. During the 13-mile, eight-minute and eight-second drop back to Earth, he reached a new record speed of nearly 365 mph, enduring temperatures as cold as minus 94°F. The team plans a 120,000-foot drop later this year to establish a new altitude record.

After the successful test jump on March 15, Baumgartner said the most difficult part was the extreme cold he encountered. "I could hardly move my hands," he said. "We're going to have to do some work on that aspect." Red Bull Stratos reported that he also needs to get used to the vastness of space. "I wanted to open the parachute after descending for a while, but I noticed that I was still at an altitude of 50,000 feet," he said.

Along with the record speed, Baumgartner became only the third person ever to jump from above 70,000 feet (joining Kittinger and Eugene Andreev of the Soviet Union). The three are also the only people to ever rise above the so-called "Armstrong Line" - about 62,000 feet - above which humans cannot survive without a spacesuit to protect them from depressurization and lack of oxygen.

Both the capsule system and stratospheric balloon functioned exactly as planned, according to balloon launch director Ed Coca. After Baumgartner's descent, the capsule separated from the balloon with an explosive device, deployed a chute, and later landed undamaged in the desert as the balloon deflated remotely and fell back to Earth.

Next up: Another test jump, from 90,000 feet, once seasonally windy conditions subside in the New Mexico desert as blustery conditions make it impossible to launch this kind of balloon. Plans for the record attempt are for later this year.

Felix Baumgartner steps out of the capsule to jump from 71,580 feet altitude.



ANNOUNCEMENTS

Congratulations to Logan Kurcharik, EAA 113's Air Academy Scholarship winner.

Welcome John Defever. John's been an EAA member for a couple of years and joined EAA 113 at the March Meeting.

Notice: Newly revised by-laws have been presented and are posted for inspection online, in the files section of the EAA 113 Yahoo Newsgroup. They are also available in printed form on the bulletin board of the EAA 113 Meeting room. A guide to the updates and changes is also available in both locations. Reasons for these changes are presented in the Presidents Podium column of the April 2012 EAA 113 newsletter.

YOUNG EAGLES DAY - Saturday, April 21st, 9:30 -11:00 AM. If you are available to help, in any capacity, or know of any potential youth interested in a flight, please contact debbie at (734) 397-3452.

MDOT Aviation Safety Seminar, April 25th, 7pm, in the EAA Chapter 113 Meeting Room. Co-Sponsored by EAA 113 and MANG Aero Flying Club.

Aviation Safety-Education Seminar

Mason Jewett Airport (KTEW)

EAA Chapter 55 Hangar

**Sponsored by the State Bar of Michigan, Aviation Law Section
and EAA Chapter 55**

Saturday, April 14, 2012

9:30 a.m.

Aviation Law Seminar

A forum discussion by experienced aviation attorneys on many commonly misunderstood aviation-related legal situations Presented by Steven M. Chait (Waterford), Donald C. Frank (Okemos), and Dean G. Greenblatt (Bloomfield Hills)

Admission to this program is free. Attendance counts toward credit for the FAA Wings Program

Register for this and other programs at www.faasafety.gov

For more information visit our website at www.michigan.gov/aero

EAA Chapter 55 will host a pancake breakfast from 8:00-9:00 a.m.

A donation is requested benefiting the Newberry Aviation Scholarship Fund.



TECHNICAL COUNSELOR'S REPORT

Randy Hebron (734) 560-2115
rchebron@wowway.com
April 2012

The March Homebuilder's Project Corner meeting took place on March 1, 2012, hosted by Rick Karaschin. His lovely sister, Trudi, served a delicious spread of finger foods, beverages, cookies, and other tasty goodies. Rick is building a Rans S-7S with a 6-cylinder Jabiru 3300 Aero Engine. Rick showed us his fully assembled wing panels that exhibited a professionalism which would make anyone proud. I was envious of his well-lit and equally well-equipped workshop.

The meeting was attended by Dave Buck, Mike Scoval, Jim Morency, Tom Smith, Scott Hebron, Sanjay Dhall, Mark French, Dale Wakevainen, and myself.

The Homebuilder's Project Corner meetings occur every month on the first Thursday.



Rick Karaschin with his Rans S-7S fuselage
Photo courtesy of Jim Morency

April 2012



Sun	Mon	Tue	Wed	Thu	Fri	Sat
01	02	03	04	05 EAA 113 Homebuilders Project Meeting	06	07 Breakfast at Canton Coney Island
08 Easter	09	10	11	12 EAA 113 Board of Directors Meeting	13	14 Breakfast at Canton Coney Island
15	16	17	18	19 EAA 113 Meeting at Mettetal Airport	20	21 Breakfast at Canton Coney Island Young Eagles Flights
22	23	24	25	26 EAA 113 Flying Safety Meeting	27	28 Breakfast at Canton Coney Island
29	30	1	2	3 EAA 113 Builders Project Meeting	4	5 Breakfast at Canton Coney Island

Wednesday, April 25, 2012 7PM - 9PM

Aviation Safety Seminar Event: Mettetal Airport, Canton, MI

"I Wish I Hadn't Done That!" Presented by Tera Fricke, Mich DOT Office of Aeronautics. Co-sponsored by EAA Chapter 113 and MANG Aero Club.

Admission to this program is free. Attendance counts toward credit for the FAA Wings Program.

<http://www.michigan.gov/aero>

Contact: Tera Fricke, MDOT Office of Aeronautics

Phone: 517-335-9792

EAA Chapter 113

Mark Freeland

PO Box 193

Keego Harbor, MI 48320

**Next Meeting: Thursday, April 22, 2012
7:30 PM at the EAA Aviation Education Center**