

EAGLE'S PROPWASH



May 2013 Issue
CHAPTER 113

"The Backyard Eagles"



EAA 113 Crew washing the SNB-5 Navigator at Selfridge ANG
photo courtesy 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:

Al Bosonetto (734) 261-5518

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) 890-6767

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

May 2013

Young people are the future of aviation and the number and quality of young people at Chapter 113 recently hit home with me while doing some contract flying out of Pontiac Airport. The co-pilot for this particular weekend trip was David Brent. David, 26, is building an RV-8 and has grown up around our EAA Chapter as the son of member Paul Brent. We spent a relaxing Saturday at two small North Carolina airports. One of which was hosting the Boy Scouts Jamboree complete with Young Eagle Rides. Those of you that regularly come to the monthly meetings are familiar with Logan Kucherak. Logan, 15, is actively working at Legend of Aces and the Warbirds of Glory Museum in Brighton. Logan is planning on attending the Sandbar Mitchell recovery project in June as a building block to his aviation career. The Sandbar Mitchell project is ably headed by Patrick Mihaek, who's only 30 himself. Any visit with Nick Forsman, a past EAA 113 Scholarship winner, gives me confidence that our skies are safe with high caliber controllers. And you can read about William Miller II and Roi Golan elsewhere in the newsletter as this year's EAA 113 Scholarship recipients.

We welcomed three guests at the April meeting. Steve Beebe is the new Mettetal Airport Manager and presented a little background about himself, the latest news about the airport, and some U. S. Navy skydiving training video from an undisclosed location in the Southwest U. S. Don Lubor is a former flight instructor at Mettetal and promises to return. Jim Goldy visited as well. Jim flies a DC-9 at Willow Run and does tailwheel airplane checkouts at his home airport in the Daytona Florida area.

Two of our newer members are seeking a little assistance. David Groat is looking for help bucking rivets on his RV-10 project. David hosted the Chapter Builder's meeting last month and impressed everyone with his very comfortable workshop. Richard Cormier flies a Beech Baron and wants to build a Velocity Twin. He would like to talk to any composite kit builders that would like to share their experiences before he takes on this high performance project.

May 18th is Learn to Fly Day, a great opportunity to give an Eagle Flight to an adult that has expressed an interest in aviation. Registration forms can be found online at EAA.org for this new EAA program.

Planning for our annual Father's Day Pancake Breakfast, June 16th, is underway. While Lou Lambert is working his way to retiring from running our event, he's still the "go to" guy for much of what goes on. Jim Morency is helping Lou with the Fly-Ins outside planning and operation while Scott Rigstad is helping with the kitchen and indoor details. I know we'll all pitch in and help as the time draws closer. In case you were divided between going to our Fly-In and the Yankee Air Museum Airshow the same day, that issue has been resolved by the U. S. Government. The Federal Sequestration situation forced the Air Force Thunderbirds to cancel their schedule for 2013 so the Yankee Air Museum has rescheduled "Thunder Over Michigan" to August. Now we can go to both events!

The May Chapter 113 meeting will feature a new video presentation from EAA Oshkosh among other things. Stay up to date with EAA 113 at www.113.eeachapter.org

Happy Landings, John Maxfield



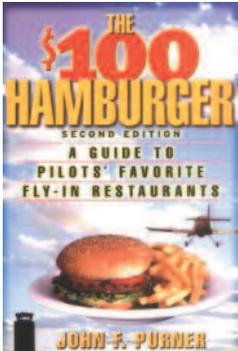
PAULSON AVIATION & HISTORY LIBRARY

Barb Cook (734) 277-3469

barb@armipay.com

May 2013

HERE'S THE BOOK YOU'VE ALL BEEN WAITING FOR!



- *THE \$100 HAMBURGER; Guide to Pilots' Favorite Fly-In Restaurants*, 2nd edition by John F. Purner. 629.136 PUR (THE AIRPORTS SHELF) 410 pages of places to fly. Yes, Virginia, the Canton Coney is listed for 1D2 Mettatal! They're listed by state, and then City with 3 letter Airport Identifier.

What more can I say? We should probably all buy ourselves a copy for \$24.95! OR visit the site: www.100dollarhamburger.com

If you do borrow the book, Please return it promptly, and copy the entry form to suggest more restaurants.

BOOKS ABOUT AIRLINES

- *Flying Circus; Why we love to Hate our Airlines and Airports* by Henry Mintzberg. 387.7 MINT

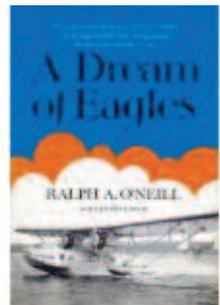
From the cover:

"A brilliantly sardonic look at management in the airline industry" FT Dynamo.

"A small enchanting book for tormented frequent flyers..."- Wirtschafts Woche.

- *Dreams of Eagles* by Ralph A O'Neill. 387.7 O"NE

The true story of how Pan American Airways got established and became the longest airline route (NYC South to Santiago, Chile in the 1920s. Most of their planes were seaplanes, and there are maps and photos. What an adventure.



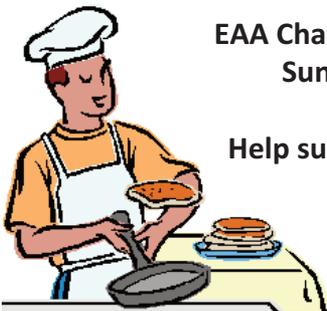
Congratulations Scholarship Winners!

Twenty six years ago, EAA 113 members made the decision to help support and encourage local students pursuing a career in aviation. The “Experimental Aircraft Association Chapter 113 Aviation Studies Scholarship Program” was then established. The awards are financed mainly through funds raised during our annual Father’s Day Pancake Breakfast Fly-In/Drive-In. Since the program started, forty-three scholarships have been awarded, totaling more than \$29,500.00.

The Scholarship Committee has carefully reviewed the applications for 2013 and found one that truly stands out. This year, EAA 113 will award one \$1,000 scholarship to William Miller, II. He currently maintains a 3.9932 GPA at Lapeer West High School, where he is dual enrolled at U of M Flint. Presently, he has 12.5 hours of flight time logged. Bill will be attending Western Michigan University in the fall majoring in Aviation Flight Science. He holds many scholastic honors and awards, in addition to his extra-curricular activities and community service participation. Above all, Bill exhibits a true passion for aviation. The Scholarship Committee feels this young man has the ambition and desire to obtain his future goals in aviation.

The EAA Air Academy camps in Oshkosh are another way to help encourage young people to get involved with aviation. This year, EAA 113 will also be awarding one \$500.00 scholarship for Roi Golan to attend one of the summer sessions. Roi’s parents saw his interest and sent him last year; however, he continues to exhibit a passion in flying and would like the opportunity to attend the next level of camp. He is a Middle School Student from Farmington Hills with a 97.5 % GPA. You can generally find Roi helping out at the Chapter Young Eagle events or as the Co-Pilot in his dad, Shahar’s Cessna 175.

EAA 113 has had many recipients of past scholarships that have gone on to very successful careers in aviation. The Scholarship Committee is confident that this year’s selections will join those young men and women and they too will make us proud! Join us in congratulating William and Roi as the 2013 Scholarship winners!



**EAA Chapter 113 Father's Day Pancake Fly-In
Sunday, Jun 16, 2013 - 7am - 11am**

Help support our fine scholarship program!

All volunteers welcome!!

EAA 113 2013 SNB-5 NAVIGATOR WASH AT SELFRIDGE ANG



Shunsuke Shibata, Randy Hebron, Jim Morency, Ken Mosley, Darrel Hebron, Al Bosonetto
photos courtesy of Shunsuke Shibata



6 Al, Jim, Bill Appleberry, Randy, Darrel, Ken

JOHN MAXFIELD & DAVID BRENT GO FLYING



Photos courtesy of John Maxfield



OUR ROVING REPORTERS AL BOSONETTO & PETE WATERS VISIT THE ARMED FORCES MILITARY HISTORY MUSEUM IN LARGO, FLORIDA



Photos courtesy Pete Waters





DISNEY'S PLANES SET TO TAKE OFF AT AIRVENTURE

April 29, 2013 - Everyone knows that Oshkosh becomes the busiest airport in the world the week of EAA AirVenture Oshkosh, and that airplanes take off all the time - however, 2013 will be a first for some very special planes.

The summer release of Disney's *Planes*, the animated comedy adventure from above the world of the popular 2006 film *Cars*, has the entire aviation community buzzing! Those attending AirVenture this year will have the opportunity to experience a special preview screening at the Fly-In Theater on Friday night, August 2, one week before the movie opens in theaters nationwide. Disney's *Planes* will touch all who see it and help them understand the thrill and excitement that flying offers.

Director and aviation enthusiast Klay Hall says, "Disney's *Planes* is a great underdog story. It has a lot of heart and a message we can all use: If we can believe in ourselves, step out of our comfort zones, and get past whatever fear that's holding us back, we'd be surprised with the results. And that's exactly what happens to Dusty in this movie. He's a crop duster who's never flown above 1,000 feet, but he dreams of being the fastest air racer in the world. He has a lot of obstacles to overcome and needs to dig pretty deep to find the courage to become more than he was built to be. We're so happy to share the film with the passionate aviation community at AirVenture."

"AirVenture is a wonderful family event and we are absolutely thrilled to be a part of the ultimate family experience with this special screening of Disney's *Planes*," said Jack Pelton, EAA chairman of the board. "Dusty will be a real star of AirVenture this year in so many ways. We urge people to make plans now to join us for this special event."

Disney's *Planes* features a talented roster of voice talent, including Dane Cook, Brad Garrett, Teri Hatcher, Julia Louis-Dreyfus, Stacy Keach, and more. Disney's *Planes* takes off in theaters on August 9. For more information, check out the movie's website or visit its Facebook page.

From above the world of *Cars* comes Disney's *Planes*, an action-packed 3-D animated comedy adventure featuring Dusty (voice of Dane Cook), a plane with dreams of competing as a high-flying air racer. But Dusty's not exactly built for racing-and he happens to be afraid of heights. So he turns to a seasoned naval aviator who helps Dusty qualify to take on the defending champ of the race circuit. Dusty's courage is put to the ultimate test as he aims to reach heights he never dreamed possible, giving a spellbound world the inspiration to soar.



EDITOR'S NOTE: Mark August 9th on your calendars. This is a must-see movie!

UPCOMING AVIATION EVENTS IN THE AREA

Sunday, May 12, 2013 9:00 AM - 4:00 PM Pie-in-the-Sky

Ashland County Airport, Ashland, OH

Get up to see the beautiful spring weather and bring Mom to Ashland County Airport (3G4) to enjoy some of the County's best Home-made Pies with Ice Cream. (Donations accepted). Contact: Denny Baum Phone: (419) 281-3966.

Saturday, May 18, 2013 7:30 am - 11:00 am Fly In or Drive In Pancake Breakfast

Dupont Lapeer (D95), Lapeer, MI

EAA Chapter 1303 and Dupont Lapeer Airport invite you to drive or fly in to our airport and enjoy our all-you-can-eat famous pancakes! Adults \$7.00 Children age 6-11 \$4.00 Children 5 and under eat free. Free Kiddi Plane rides! Contact: Ron and Betty Keil Phone: 810 664-6966.

Sunday, May 19, 2013 8 am - 1 pm Fly In/Drive In Breakfast

Owosso Community Airport (KRNP), Owosso, MI

Fly In/Drive in Breakfast with proceeds to benefit the Shiawassee Arts Center, Owosso MI. Meet Dave Vaughn, candidate for Mr. Owosso. Menu: Pancakes, scrambled eggs western or plain, sausage, toast, fruit cup, orange juice, coffee \$8/person. Contact: Linda Ruehle 989 723-8354.

Saturday, June 1, 2013 8:00 AM - 5:00 PM Jenison Riverview Pilots Spring Poker Run

Jenison Riverview Airport, Jenison, MI

Poker Run sponsored by the Jenison Riverview Pilots will start at 8 AM on Saturday June 1. There will be a registration fee, prizes, food and awards. Proceeds benefit the West Michigan Flight Academy helping youth seek a passion for aviation. All aircraft welcome to participate. Start from O8C or your home base and end at Riverview Airport for the festivities. Contact: Herb Harney Phone: 616-401-3637.

Sunday, June 9, 2013 8:00 AM - 12:00 PM EAA Chapter 333 Pancake Breakfast

Ann Arbor Municipal Airport, Ann Arbor, MI

Fly-In/Drive-In Pancake Breakfast and airport open house. Pedal planes and bounce house for kids, airplane static displays. <http://eaa333.org>

Sunday, June 9, 2013 12:00 PM - 4:00 PM 10th Annual Helicopter Picnic

3DA - Dalton, Flushing, MI

Casual, relaxed atmosphere to give helicopter enthusiasts an opportunity to shoot the breeze and enjoy outstanding company of fellow enthusiasts. Delicious home-cooked meal will be provided free of charge to all helicopter pilots. Rain or Shine. Contact: Mike Mazar Phone: 810-516-1233.

Sunday, June 9, 2013 7:00am - 11:00am Dawn Patrol Pancake Breakfast

Mason Jewett Airport, Mason, MI

"All-U-Can Eat" Pancake Breakfast (served with eggs, sausage, juice and coffee).

Adults \$6 and children 12 and under \$3. FREE breakfast for the PIC flying in. Many homebuilts, warbirds, antique and general aviation aircraft with a variety of exhibits and displays. Bi-Plane and Aircraft rides available (weather permitting). Parking and admission to Mason Jewett Airport is FREE. <http://www.eaa55.org>

Contact: Ken Vandenbelt Phone: 517-589-5051.

SPACESHIPTWO MAKES FIRST POWERED FLIGHT, GOES SUPERSONIC

April 29, 2013 - SpaceShipTwo completed its first successful powered flight this morning above the Mojave Air and Space Port, Virgin Galactic reported Monday.

Paired with mothership WhiteKnightTwo, SS2 took off just after 7 a.m. PDT, was lifted to an altitude of 47,000 feet MSL, and was then released. After verifying stable control, Mark Stucky, pilot, and Mike Alsbury, copilot, ignited the rocket motor and the craft shot to a maximum altitude of 55,000 feet, achieving a speed of Mach 1.2 in the process.

"The first powered flight of Virgin Spaceship Enterprise was, without any doubt, our single most important flight test to date," said Virgin Galactic Founder Sir Richard Branson, who was in Mojave for the milestone flight. "For the first time, we were able to prove the key components of the system, fully integrated and in flight. Today's supersonic success opens the way for a rapid expansion of the spaceship's powered flight envelope, with a very realistic goal of full space flight by the year's end."

The test flight ushers in Virgin Galactic's final phase of vehicle testing prior to beginning commercial service from Spaceport America in New Mexico. The team will expand the powered flight envelope in the coming months with hopes of entering suborbital space by year's end.

At the WK2 controls were Virgin Galactic's chief pilot Dave Mackay, copilot Clint Nichols, and flight test engineer Brian Maisler.

The rocket engine was ignited for 16 seconds as planned, and the entire rocket-powered flight test lasted more than 10 minutes before the pilots made a smooth landing at about 8 a.m.

"The rocket motor ignition went as planned, with the expected burn duration, good engine performance, and solid vehicle handling qualities throughout," said Virgin Galactic President/CEO George Whitesides. "The successful outcome of this test marks a pivotal point for our program. We will now embark on a handful of similar powered flight tests, and then make our first test flight to space."



SpaceShipTwo's first powered flight goes supersonic on April 29, ushering in the final phase of vehicle testing prior to beginning commercial service.

(Telescopic image courtesy of MarsScientific.com/Clay Center Observatory)

NATIONAL PARK SERVICE OFFICIAL TOURS WRIGHT COMPANY FACTORY BUILDINGS

May 1, 2013 by General Aviation News Staff

DAYTON, Ohio — A National Park Service official toured the Wright Company factory site Tuesday, April 30, the highest-ranking park service official so far to tour the place where America's aerospace industry was born.

Patty Trap, deputy regional director for the park service's Midwest Region, said the project to restore the first American factory built for the purpose of aircraft production has drawn the park service's attention.

"This has caught our eye and our interest," she said after the hour-long tour of the buildings, which are a part of the former Delphi Home Avenue automotive plant. "While this project is big, we think we have the right partnership" for it to succeed.

Wilbur and Orville Wright formed the Wright Company in 1909 and had two buildings constructed in 1910 and 1911 to manufacture airplanes. Three buildings were added later. General Motors Corp. acquired the buildings in 1919 and later converted them to auto parts manufacturing.

The complex grew into what became the 54-acre Delphi Home Avenue plant, which closed in 2008. The following year, Congress added the five buildings to the boundary of the Dayton Aviation Heritage National Historical Park, but the park doesn't own the buildings and they aren't open to public tours.

The national park is working with the city of Dayton; a redevelopment company, Home Avenue Redevelopment LLC, and the National Aviation Heritage Alliance (NAHA) to clear most of the site for commercial reuse while preserving the Wright Company buildings. Ohio awarded a \$3 million Clean Ohio grant for the work, and Home Avenue is spending \$1 million of its own money.

"The Wright Company factory project is going to be a success thanks to the strong support we are receiving from the National Park Service," said Tony Sculimbrenne, NAHA executive director. "Patty Trap's visit to Dayton will help deliver the resources that will ensure we can tell the full story of the Wright brothers' work in Dayton, work that helped launch the aviation industry in the 20th century."

The National Aviation Heritage Alliance is a private, not-for-profit corporation designated by Congress as the management entity for the National Aviation Heritage Area. It's one of 49 National Heritage Areas under a program administered by the National Park Service. NAHA's vision is to sustain the legacy of the Wright brothers and make the Dayton region the recognized global center of aviation heritage and premier destination for aviation heritage tourism.

EAA 113 INTERNATIONAL RECOGNITION



This banner greeted EAA 113's VP Shahar Golan on a recent business trip to China
Photo courtesy of Shahar Golan

"NORMAL FLOAT FUEL SENSORS" IN CAR/AIRCRAFT TANKS

Pete Waters shared the following info relating to the "Normal float fuel sensors" in car/aircraft tanks. It seems that ethanol in fuel has yet another down side.

Corrosion or wear of the potentiometer will provide erroneous readings of fuel level. However, this system has a potential risk associated with it. An electric current is sent through the variable resistor to which a float is connected, so that the value of resistance depends on the fuel level. In most of automotive fuel gauges such resistors are on the inward side of gauge i.e. inside fuel tank. Sending current through such a resistor has **fire hazard (and an explosion risk)** associated with it. These resistance sensors are also showing an **increased failure rate with the incremental additions of alcohol in automotive gasoline fuel**. Alcohol increases the corrosion rate at the potentiometer, as it is capable of carrying current like water. Therefore there is demand for another safer, noncontact method for fuel level.

Thanks, Pete!

May 2013

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2 7:30 pm Homebuilder's Corner	3	4 Breakfast at Canton Coney Island 8:30 am 9 am – 12 pm Young Eagles
5	6	7	8	9 EAA 113 Board Meeting 7:30 pm	10	11 Breakfast at Canton Coney Island 8:30 am
12 Mother's Day 	13	14	15	16 EAA 113 General Meeting 7:30 pm	17	18 Breakfast at Canton Coney Island 8:30 am
19	20	21	22	23 EAA 113 Flying Safely Meeting 7:30 pm	24	25 Breakfast at Canton Coney Island 8:30 am
26	27	28	29	30	31	

EAA Chapter 113

Mark Freeland

1480 Oakwood

Sylvan Lake, MI 48320

**Next Meeting: Thursday, May 16, 2013
7:30 PM at the EAA Aviation Education Center**