

EAGLE'S PROPWASH



September 2012 Issue

CHAPTER 113

"The Backyard Eagles"



Pete Waters' Avid (see for sale ad inside)

Photo courtesy of Pete Waters

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

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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

September 2012

Wow! What a month August was! Mark Penstadler experienced an engine fire in his Rans S-6 on the ground at Hartford, WI on his way home from Oshkosh. Fortunately, Mark and his father escaped injury even though the plane was a total loss. Al Bosonetto hosted a picnic for 20 some Chapter members on the 11th. The weather held off until it was time to eat, fortunately, his house held everyone inside until the weather passed and the good times continued. Thank You Al and Doreen, it was a wonderful afternoon!

Several members attended the wedding of Nick and Kim Forsman on the 18th. It was great to see a former EAA 113 Young Eagle take the next step in life. Your Secretary Debbie Forsman put the whole event together. It's no wonder our yearly banquets just keep getting better!

EAA's Ford Tri-Motor was at Pontiac Airport the weekend of the 23rd through the 26th under our sponsorship. A total of 42 flights were flown, including media flights for WWJ 950 radio, WDIV Channel 4, the Detroit Free Press, and Oakland Press. Their coverage was great, and as a result, we figure that over 300 people were given a ride on the Ford. Pontiac Airports Open House was Sunday the 26th, and we flew 17 flights that day, which is excellent considering we were grounded during the airshow. We had good help from current, past and future Chapter members and spouses. To the best of my knowledge, all of the volunteers got a free ride on the Tri-Motor that wanted one.

By the time you read this, September 7, 8, and 9th will be behind us already. We hosted a Poker Tournaments at Trip Kings Poker Room, located just across the street from Mettetal Airport. Dave Buck chaired this event and of course, worked it as well.

All of these events involve people. Volunteers, working for the common good of Aviation, EAA, and our local Chapter. A great Big Thank You to all, none of it happens without your help.

I had the privilege to help Mark McGowan get his Taylorcraft back to Mettetal on the 17th. His wife Tari had passed away the week prior and it was good therapy getting the small taildragger back to fly around the pattern. His award winning restoration of this beautiful plane is just as fresh as it was 3 years ago.

This month we'll have our end of summer picnic at 6:30 pm followed by the meeting at 7:30. Bring a dish to pass, the Chapter will provide hamburgers and Hot Dogs as usual. After the pre-meeting picnic, we have a special guest that I'm not supposed to divulge. Let's just say that, like back in the day, he and his aircraft are top secret and VERY interesting! Don't miss it!

Stay up to date with all of EAA 113 happenings at www.113.eaachapter.org

Happy Landings

John Maxfield



PAULSON AVIATION *LIBRARY*

Barb Cook (734) 277-3469

barb@armipay.com

September 2012

Our most recently donated book is *The Encyclopedia of Aircraft*, edited by Michael J.H. Taylor and John W.R. Taylor, Putnam, 1978.

Although this book is over 30 years old, it still provides lots of information for increasing our knowledge base, and our amusement. It will join our other large format books on the OVERSIZE shelf, 629.130 TAY.

It is organized into Aircraft Entries A-Z (usually by manufacturer), Table of Technical Data, Glossary, and Index. The tech data charts show country, version, engine, wing span, length, maximum weight, max speed, range, and accommodation/armament.

About 50% of the page space is filled with photos (color and black & white) and scale drawings.

I really enjoyed browsing through this volume, recognizing several unusual aircraft I had seen at Oshkosh: The "super Guppy", the Russian AN-2 (the ugliest cargo bi-plane that I'd love to own) and the Ryan Spirit of St. Louis sitting in a very muddy field- perhaps before Lindbergh's famous departure?

There are photos of many early aircraft in Europe that we don't see much of: The French Farman Goliath, a very long wingspan bi-plane bomber from the 1920s, and the German Dornier Do X, a 12 engine flying boat (world's largest flying boat in 1929.)

There's a lot of good time-wasting browsing material here.

I've got the book this week. Members can check it out next week.

Read and dream of flying.

FOR SALE

AVID MKIVS N62PT

LSA, 400 hrs frame & eng; 1998 Bandit plus extras;
Fuse extd 16 inches 2005 & tail-dragger; latest gear, taller, wider & floor truss;
Extd Speed Wings & Flapperons; Maule tailwheel; 2/16gal tanks; 1gal header tank &
low fuel warning; Elect trim Elev. Rotax 912UL; rebuilt gbox, 2005; Sport Prop;
gnd adjust; VGs; Strobes; Nav,Taxi & Landg Lts; KX125 Dual nav/com; KT76A Txpdr;
ACK Encoder; AK450 ELT; Intercom; Low Fuel Warning, Carb Temp; Westberg quad
EGT, CHT, Oil Temp, Oil Press; Fuel Press; Rotax Tach; VSI; ALT; ASI; E Turn Co-ord;
Amp/Volt; Mag Comp; Wing Fuel Gauges; Polyfiber Aerothane. Folding wings;
Trailer Hitch; Hangared 100%; Inspection to date.
\$29,500
2E8 Dexter, Mich.
petewaters@charter.net



I have an old Mooney Nav-Com tube type radio for sale (cheap!).
It does work, but will need some "tuning up"....

Ken Sands 734-564-0316

ken.sands@cavtel.net

NEIL ARMSTRONG - AN AVIATOR AT HEART - 1930-2012

August 27, 2012 - *from EAA 365 Website*

The sad news that Neil A. Armstrong passed away Saturday reverberated through the entire world, but even more so in the aviation community - to which Armstrong was a lifelong member. The first human being to set foot on the lunar surface died, according to a statement from his family, "following complications resulting from cardiovascular procedures."

Armstrong, an EAA member (EAA 301581), created one of those irrefutable "you-remember-where-you-were" moments in human history on July 20, 1969, when he made "one small step for man, one giant leap for mankind." Yet he always considered himself "a reluctant American hero who always believed he was just doing his job," his family stated. "He was a Navy fighter pilot, test pilot, and astronaut. He remained an advocate of aviation and exploration throughout his life and never lost his boyhood wonder of these pursuits."

Those who were EAA members in 1994 will never forget Armstrong's appearance at the Oshkosh Fly-In and Convention, where he joined 15 other astronauts in EAA's Salute to Apollo program marking the 25th anniversary of Apollo 11 and the first landing on the moon. During that week, he showed his pilot pedigree when asked the inevitable question, "What was it like, walking on the moon?"

Neil's simple and eloquent reply: "You know, we pilots don't care an awful lot about walking. We like to fly."



Neil Armstrong - 1930-2012

Here are some remarks Armstrong made at the unforgettable Salute to Apollo appearance, from the October 1994 edition of EAA Sport Aviation:

"I've always been interested in airplanes since I was a very little boy. I went to my first Cleveland Air Races when I was 2 years old. I took my first airplane ride when I was 6 and was an avid model builder in elementary school. I always wanted to be an airplane designer and it occurred to me that a good designer should know about airplanes from the pilot's perspective.

"So I started to fly when I was 15 and soloed on my 16th birthday. I've been flying ever since."

Commenting on the future, Armstrong prophetically stated: "As long as space flight is pretty much the domain of governments, we're going to be limited as to what we can do, because all governments are restricted by the amount of public money they have. My hope is that in the future lower-cost propulsion systems make space flight affordable and we can have more private participation in flight outside the atmosphere. When we do it on private money and strive for individual goals, we'll make a great deal of progress and I look forward to that."

Armstrong also appeared at the 1988 Oshkosh convention, where he received the highest EAA honor, the Freedom of Flight award, and at AirVenture 2003, where he was a major attraction for EAA's celebration of the centennial of powered flight. He gave a special evening program presentation at Theater in the Woods to a standing-room-only audience.

Armstrong's family concluded their statement with a simple yet poignant request for people wishing to honor their loving husband, father, grandfather, brother, and friend: "Honor his example of service, accomplishment, and modesty, and the next time you walk outside on a clear night and see the moon smiling down at you, think of Neil Armstrong and give him a wink."



Neil Armstrong pictured in 1993 on EAA's Wright Flyer replica in the AirVenture Museum.

WHAT OUR MEMBERS ARE DOING



From Debbie Forsman:
"Congratulations go out to our President, John Maxfield! While our Chapter sponsored EAA's Ford Tri-Motor this weekend at Pontiac, John was able to obtain his 100th flight as Captain of this beautiful vintage aircraft! To paraphrase his sign off . . .
Many more 'Happy Landings' John!"

From Pete Waters:
"This is the test I run to check for leaks in tanks. The balloon has to stay inflated 24 hours.

This is the rear tank on my Jodel D92. I found 3 pin hole leaks, fixed with JB Weld.

The pressure shown with the balloon inflate is very low. Now I have the front tank to test."

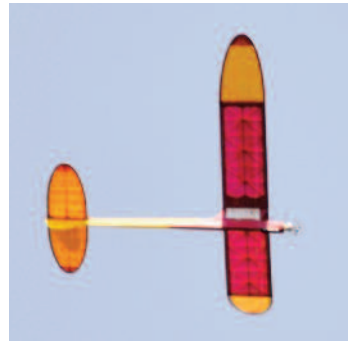


Mark Freeland flew one of his model airplanes, the new "Retro RC wee Devil E36" at the AMA Free Flight Nationals in Muncie IN 8/7 - 8/9. It was entered in three categories, F1Q, E36 and Electric A.

Although it did not win any of the main events, it did take first place in the E36 fly off event (all up together, 5 second motor run, last one down wins).



From Mark Freeland:
“Bill brown asked me if I would like to accompany him to the August 18th 2012 Wright Brother's Aero Carnival held in the Huffman Prairie Flying Field just beside Wright Patterson Air Force Base, where the Wright Brothers did their test flying before going to Kittyhawk. He had been invited to do public demo flights with any scale model of a pre-1915 airplane. Bill flew both his 1909 Antoinette Monoplane and one of his Wright Flyers & I flew a 1910 Deperdussin monoplane.”



Mark Freeland (center) and some of his RC flying buddies.
Photo courtesy of Mark Freeland



Bill Brown and his Wright Flyer, August 18th at the 2012 Wright Brother's Aero Carnival.
Photos courtesy of Mark Freeland

LOOKING FOR A PLACE TO FLY?

September 15, 2012:

Jackson, MI - EAA 304 Chapter House

7:00 am - 12:00 pm

Pancakes, Sausage, Scrambled Eggs, Juice/Coffee/Tea

Adults: \$6.00 Age 6-12: \$3.00 Under age 6: free

All Pilots flying in will receive a bag of goodies and a chance to win one of four 12 quart cases of AeroShell 100 or 15W-50 oil. (one ticket per airplane) Must be present to win.

<http://www.eaa304.com> Contact: Earl Scott Phone: (517) 783-3988

email: earub@modempool.com

Nappanee Municipal Airport, Nappanee, IN - EAA Chapter 938

12:00 pm - 5:00 pm

Young Eagles flights, fly-in, skydiving demo, car show, and more. Check the website then click applications, then Wings and Wheels Flier. A WWII P51 fighter plane appearance is planned. <http://www.nappaneeapplefestival.org> Contact: Michael Sheetz

Phone: 574-248-0226

Kent State University Airport, Stow, OH - Kent State University Aviation Heritage Fair

7:00 am - 5:00 pm

Fly-in or drive-in and enjoy an all-day event of aviation activities, pancake breakfast, airplane rides, listen to outstanding musicians and meet aviation scholars, enthusiasts and industry professionals. The event has FREE admission, FREE parking and is open to the public. Scheduled to Appear is a B-25 war bird, Cleveland Clinic Life Flight and other displays. We look forward to seeing you on September 15th.

<http://www.airportfriends.org> Contact: Sheila Lyons Phone: (330) 672-1939

Wadsworth Muni, WADSWORTH, OH - Mustang ,Vans RV, Titan Mustang Fly-In

8:30-10:30 am Lunch 11:00 am

Mustang Aeronautics, Vans Rv, Titan Mustang and all other aircraft Fly-In. Breakfast

Sod Parking, Fuel available. Contact: Fred Coblentz Phone: 3303343699

September 22, 2012:

Lenawee County Airport, Adrian, MI - EAA Chapter 1190 Breakfast Fly-in

8:00 am - 12:00 pm

Featuring light sport and homebuilt aircraft. All aircraft welcome. Drive-in visitors welcome Serving pancakes, sausage, eggs, juice & coffee.

<http://www.skywalkerflying.com> Contact: Johanna Walker Phone: 517-759-2590

Richmond Municipal Airport, Richmond, IN - Wings & Wheels

10:00 am - 5:00 pm

Fly-in/Cruise-in. Lunch available. Pilots who fly in eat free. Airplanes, cars and motorcycles on display. Local vendors. Entertainment. Contact: Hank Morrissey

Phone: 765-309-3238

September 29, 2012:

Erie-Ottawa Regional Airport, Port Clinton, OH - Chili Fly-in

11:00 am - 4:00 pm

Stop by the airport and enjoy great homemade chili and cornbread.

<http://www.portclintonairport.com> Contact: Stan Gebhardt Phone: 4197346297

September 30, 2012:

Andrews University Airpark, Berrien Springs, MI - C20 Pancake Breakfast

8:00 am - 12:00 pm

Adults \$7, Kids (10 and under) \$3. Breakfast will be served until 11 am.

Register at the door for prizes. Contact: Dina Simmons Phone: 269-471-3120

Kimbal, MI, FOTA building - Wings, Wheels & Watercraft/Airport Day

9:00 am - 2:00 pm

Pancake Breakfast, Static Displays, Young Eagles flights. Contact: Kathy Reaume

Phone: 810-364-6890

Medina Municipal Airport, Medina, OH - Wings & Wheels

9:00 am - 3:00 pm

Wings And Wheels, car and aircraft judging ,multitple classifications trophies awarded.

Food vendors. Contact: Eric Olson Phone: 330-239-1606

October 7, 2012:

Hinde Airport, Huron, OH - EAA Chapter 50 Meeting

1:30 pm

Educational meeting all about gyrocopters, powered parachutes, and ultralight aircraft.

<http://www.50.eaachapter.org> Contact: Chuck Phone: 419.602.7750

October 13, 2012:

Smith Field Airport, Fort Wayne, IN - EAA Chapter 2 Chili Lunch Fly-In

11:00 am - 2:00 pm

Fly-in/drive-in chili lunch at historic Smith Field Airport. \$5.00 for all-you-can-eat!

<http://www.eaa2.org>

Erie-Ottawa Regional Airport, Port Clinton, OH - Apple Butter Fly-in

Join us for a good ol' fall festival and watch us make some homemade apple butter, apple pie, and apple cider. Great fun for the whole family!

<http://www.portclintonairport.com> Contact: Stan Gebhardt Phone: 4197346297

October 21, 2012:

Watervliet, MI - EAA Chapter 585 Chili Hop

11:00 am - 4:00 pm

Our annual Chili pot luck lunch, a perfect reason to check out the beautiful Michigan fall colors from the air. <http://www.eaa585.org>

Contact: Don Carney Phone: 269-208-3296

BLAST FROM THE PAST



Experimenter

Official Publication of Experimental Aircraft Association, Inc.

A Non Profit Organization Dedicated to
The Advancement of Homebuilt Aircraft and Private Aviation

The meetings of the Experimental Aircraft Association are held at Curtiss Wright Airport, Milwaukee, Wis. the 4th Monday of each month at 8 P.M. For those who desire to fly in there is a paved lighted 3200 foot runway.
President PAUL H. POBEREZYNY
Milwaukee, Wisconsin
Vice President LEO KOHN
Milwaukee, Wisconsin
Secy.-Treas. ROBERT NOLINSKI
Milwaukee, Wisconsin



Leo J. Kohn

Here is one of the oldest home-buils still flying. Owned by Ed Kelley it was flown to the 1955 fly-in by Gene Bielecki from Pawtucket, Rhode Island to Milwaukee, Wis. in about 12 hours. *More on page 3*

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STUDENTS CLAIM TWO HUMAN-POWERED HELICOPTER SIKORSKY PRIZE REQUIREMENTS

August 29, 2012 -

Students at the University of Maryland's A. James Clark School of Engineering claim to have satisfied two of the three American Helicopter Society Sikorsky Prize competition requirements with a flight Tuesday in their Gamera II human-powered helicopter. To win the Sikorsky Prize, a flight must achieve a height of 3 meters during a flight lasting at least 60 seconds that stays within a 10-square-meter area. One flight Tuesday unofficially lasted 65 seconds and stayed within a 10-square-meter area, both figures establishing new U.S. and world flight duration records when verified. Another shorter flight rose to 8 feet above the ground.

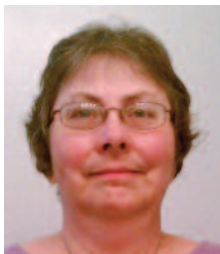
"Our students are not only highly creative engineers but are also able to build on past successes in a systematic way, learning and improving as they go," said Clark School Dean Darryll J. Pines. "They would compare favorably to professional engineers anywhere."

Tuesday flights were done in the revamped Gamera II, piloted by grad student Colin Gore. Since Gamera II's previous test flights, each blade has been extended, and the vehicle now measures 114 feet across from blade tip to blade tip. The structure arms have also been enlarged to accommodate larger rotors.

Additional changes include ergonomic improvements for the pilot, sonar altimeters for the rotors, and a rebuilt transmission for more consistent power.

The American Helicopter Society Sikorsky Prize purse is \$250,000.





EDITOR'S NOTE

Elizabeth MacKenzie Hebron (734) 776-9294
liz.hebron@gmail.com
September 2012

THE FINE ART OF COMMUNICATION

On this 95° day, it's hard to believe that autumn is just around the corner, to be closely followed by winter.

Today, I'd like to address the wives of the homebuilders in the chapter. Those who have attached garages in which your aircraft builder works are the lucky ones. For the rest of us, I'd like to offer a couple of helpful hints for communicating with the hibernating husband in the detached garage.

Our daughter, Jennifer, was about 4 years old when Randy was building the KR-1 in our garage. In order to facilitate communication between the house and garage, Randy unearthed a set of surplus WWII hand-crank telephones from the Aero Marine vaults. These mysteriously disappeared a few days after Jennifer learned how to use them. She took great delight in cranking up the phone on the kitchen counter every 5 minutes or so to call her dad in the garage, usually just to say *I love you, Daddy!*

My next attempt to avoid running outside in the snow in my bare feet when I needed to communicate with the man was lobbing empty soup cans out the kitchen window at the garage door. When I actually hit the door, he would stick his head out the side door to see what the noise was. But, alas, a limited supply of empty cans still sent me out in the snow to retrieve them, which defeated the whole purpose.

I finally perfected the plan with a bowl of walnuts in the shell, which I kept handy on the kitchen counter next to the window. I developed a pretty good throwing arm. Not only did the walnuts cause a loud, satisfying ping when bouncing off the metal garage door, they were environmentally friendly with no need to pick them up. The squirrels took care of that for me!

If your man does his aircraft building in a hangar at the airport, you're on your own.... Of course, the technology has improved, and you younger women have it easy with the your cell phones!

September 2012

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26 EAA Ford Tri-Motor Pontiac Airport	27	28	29	30	31	01 Breakfast at Canton Coney Island
02	03	04	05	06 EAA 113 Builders Project Meeting	07 Trip Kings Poker Tournament	08 Trip Kings Poker Tournament Breakfast at Canton Coney Island
09 Trip Kings Poker Tournament	10	11	12	13 EAA 113 Board of Directors Meeting	14	15 Breakfast at Canton Coney Island Young Eagles Flights
16	17	18	19	20 EAA 113 Meeting at Mettetal Airport	21	22 Breakfast at Canton Coney Island
23	24	25	26	27	28	29 Breakfast at Canton Coney Island
30	1	2	3	4 EAA 113 Builders Project Meeting	5	6 Breakfast at Canton Coney Island

REMINDER: The End of Summer Chapter 113 Picnic is at 6:30 pm, right before our regular Thursday meeting at 7:30 pm.

Bring a dish to pass. The Chapter will supply hamburgers and hot dogs.



EAA Chapter 113

Mark Freeland

PO Box 193

Keego Harbor, MI 48320

**Next Meeting: Thursday, September 20, 2012
7:30 PM at the EAA Aviation Education Center**