



CHAPTER 1093
Experimental Aircraft Association

LOOKIN' UP

The EAA Chapter of Modern Explorers

EAA Chapter #1093 - Midland, Michigan

P. O. Box 2464, Midland MI 48641-2464

Monthly Meetings held on the first Thursday of each month at 7:00 PM - Barstow Airport (3BS)

Volume XIII Issue 5

May 2007

Officers

President	John Abbott	989-631-5244	Treasurer	Mike Rehberg	989-636-1015
Vice-President	Jack Hallett	989-708-3000	Secretary	Dick Sipp	989-435-3128
Advisor/Past President	Paul Ries	989-631-9444			

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Newsletter Editor	Linda Langrill	989-631-4530	Programs	Joe Maj	989-631-1562
Membership	Dot Hornsby	989-631-4342	Flight Advisor	Pat Howe	989-687-9588
Technical Advisor	Jim Dobben	989-689-4441	Young Eagles	Dave Schmelzer	989-631-7590
Historian	John Sorg	989-835-7796	Young Eagles	Sarah Lund	989-839-0185
Publicity	John Wilson	989-465-1993	Bldg. Manager	Bob Harrington	989-496-3887

CALENDAR OF EVENTS - 2007

May 3	Chapter Meeting, 7 pm
May 12	Young Eagles 9 am – 12 pm
TBD	May Chapter Board Meeting
June 7	Chapter Meeting, 7 pm
June 9	Young Eagles, 9 am – 12 pm
June 18 – 23	Aviation Camp

SPECIAL EVENTS - 2007

May 5 (Saturday)	– Pancake Breakfast at 3BS
May 6 (Sunday)	– Owosso Fly-In, 11 – 2pm
July 23-29	– Oshkosh Airventure
August 4	82 nd Airborne Jump Demo at 3BS
Sept 9 (Sunday)	– Pancake Breakfast
Sept 28 – 30	– Michigan Air Tour - Marlette
October 13	Celebrate Our Midland Airport

Chapter Meeting Thursday, May 3, 2007 Features Darrin Bradley

Darrin Bradley, WNEM-TV5 Chief Meteorologist, will be our guest speaker and will talk about winter-spring weather patterns in the Great Lakes and Eastern US. We are glad Darrin can join us this month as the severe weather in March caused the cancellation of the chapter meeting. Join us at 6:30 p.m. for refreshments and conversation. The meeting begins at 7:00 p.m.

Pancake Breakfast on Saturday, May 5th from 7 – 11 a.m.

The sun will be shining and the griddles will be hot, so invite your family and friends to come out to the airport early on **Saturday, May 5th** for the **best pancakes and eggs** in the state! Tickets are available that members can give out as an invitation. If the member chooses to sign the ticket, it becomes a pre-paid ticket for the guest and the member pays for those tickets that are redeemed for a breakfast.



Dot Hornsby (989-631-4342) and Janine Rairigh (989-835-3231) at the Terminal Building) have the invitation/tickets. Dave Schmelzer will also sign you up as a volunteer to help work a shift during the breakfast. Don't miss this social event of the Spring Season! **Saturday, May 5 from 7:00 – 11:00 a.m.**

Newsletter Deadline

The 21st of each month is the deadline for submitting information for the newsletter. Contact Linda Langrill at home, 989-631-4530, cell 989-859-9268, by mail at 701 Columbia Rd., Midland, MI 48640 or by e-mail at LLangrill@chartermi.net.

From the Flight Surgeon – Dr. Greg Pinnell

The issue of falsification on airman medical applications is coming to the attention of Congress. The Honorable James L. Oberstar is conducting hearings in May to determine how big a problem this is and what if anything needs to be done. Please be careful to disclose all medically relevant information on your flight physical to avoid being the target of an enforcement action later by the FAA. Fly safe!

Gregory Pinnell,
Senior AME/Flight Surgeon, USAFR



Safety Corner – Dr. James Rieke

Spring is Here - Don't forget to do all the things you planned to do on your bird last fall! Safety experts strongly recommend a thorough aircraft cleaning with special attention to small dark openings. Look for evidence of friendly nesters - bird droppings and sticks and grass around your airplane. More information is available on Spring Pre-flights from the AOPA Safety Foundation.

James K. Rieke, Commercial Pilot

Young Eagles – Having Fun!

Saturday, April 14th was a beautiful morning. Feels like Spring is finally here. We had the opportunity to give first rides to 8 Young Eagles. They were excited and so were we. I would like to thank the pilots, **Mike Klele, Dave Schmelzer, Dave Bickmore** and **Dot Hornsby**. The Young Eagles Program is totally funded by the pilots and aircraft owners. Thanks to Sue Lyons for handling the paperwork and scheduling the flights. Thanks to Jim Rieke for the use of his Cessna Cardinal.

June 7, 2007 marks the **14th Annual International Young Eagles Day**. Young Eagles originally was started in 1992. Although we hold a Young Eagles event monthly, why not make a special effort to let families know about this special event and also as a pilot, come out that morning and give it a try.

There are a few new administrative changes being implemented this year. There is a new registration form which has been updated. It is imperative that before a Young Eagle can fly, the parent or guardian must sign the release and complete the registration. Also from this point forward, only registrations submitted on official Young Eagles forms will be accepted for processing. There is also a new area on the pilot information area of the registration form asking for a pilot to self-certify that they meet the guidelines of the Young Eagles program. Lastly, the

number of Young Eagles will be limited to three on any flight. The best way is a one-on-one setting, but at larger events it may be necessary to fly more than one Young Eagle on a flight.

A note about insurance: EAA arranges comprehensive insurance for all aspects of the Young Eagles Program. Only EAA members can fly Young Eagles. You must have aircraft liability insurance, which includes passenger coverage on the owned, rented or borrowed aircraft that you will be using to fly Young Eagles. If you purchase insurance with at least 100,000 per passenger seat limit, EAA provides an additional 1,000,000 excess umbrella policy to you while you are flying Young Eagles. This coverage is provided at no cost and is automatic. There are no additional forms to complete. EAA Chapters, their officers, directors, members and volunteers are protected by the EAA Chapter liability insurance policy for both ground and flight activities.

The Pilot Requirements are:

All pilots must hold an appropriate Airman Certificate (Sport Pilot or greater).

Pilots must possess a current Medical Certificate.

Pilots must be current EAA National Members.

Pilots must be current to carry passengers in the aircraft they plan to use.

Pilots must have a current Flight Review.

The aircraft used for the flight must be in airworthy condition.

Flight must adhere to all applicable FARs.

If you have any questions, please contact me.

Dave Schmelzer

Young Eagles Coordinator

schmelzerdavid@sbcglobal.net

This Month's Builder Feature – Pat Howe's RV-8A

Pat Howe has helped restore so many airplanes during his lifetime, it's hard for him to recall all the different ones but his present Van's Aircraft RV8A will be one he can call his own. He



gained many of his present day building skills working at FBOs in Mt. Pleasant and Harold Hamp's grass strip here in Michigan. He once covered a Taylorcraft in exchange for a Seabee project but then shortly sold it unassembled. Currently Pat is part of a flying club which owns a Citabria 7KCAB hangared at Barstow.

Many evenings and weekends you can find Pat busy working in his heated 42 x 42 hangar which he had built during the spring of 2005 at the Midland Barstow Airport. His plane will be tricycle geared and have tandem seats for two people. In July of 2005, he started on the tail section of this kit number 2400 RV8A, then ordered the rest of the quick build kit when the tail was finished. The 190 Horsepower ECI IO360 engine was completed with Jim Dobben working side by side with him. When the plane is finished it will be 21 feet long with a wing span of 24 feet. It will gross out at 1800 pounds with a 42 gallon fuel tank and be able to climb at 2,300 fpm. It is intended to be soloed from the front seat but the rear tandem seat will also have elevator, aileron, and throttle controls. Pat expects cruise to be somewhere around 200 mph while consuming about 8 gallons per hour.

He hasn't purchased the propeller yet but is fairly sure that it will be a Hartzell constant speed one. When asked about the color scheme he replied that he had nothing in mind at this time and when quizzed more replied, "I will decide later and I might ask my family for some input on that." The N number will be N240PH – the 240 representing the kit number minus a 0 and you, the reader, can figure out the PH! One of the most common questions Pat is asked is 'What is a taildragger pilot doing building a kid's toy?' (as in tricycle gear). One of the answers he gives is, "Because I can and because the plane is too expensive to ground loop."



Pat earned his pilot's license in 1989 while attending Central Michigan University. He also holds an Instrument rating and is an Airframe and Powerplant mechanic (A&P). At age 24 when he was first married he restored an Ercoupe in his living room and flew many hours in it. "At that point, I knew I had found the perfect wife (as in Jamie!)" he commented. When asked what or who inspired him to fly he said, "I have no good story about that. I just knew as a kid that I wanted to fly."

He has had no big surprises during the construction time. Many times he runs ideas past Jim Powell who is working in the same hangar on his Taylorcraft. Jim Dobben has also been a valuable source of knowledge and help with this project. Pat appreciates all this expertise and advice from these two EAA members and indicated that he is under the best of 'care and critical eyes' with them as they are both judges at Oshkosh.

The hardest part of this building project so far has been trying to manage his time around his work so that he has time to spend on the building process. Pat is President of Evergreen Physical Therapy which has five locations and Sport and Spine with six locations all of which are in the tri-cities and central Michigan areas.

The RV8A is approximately 75% finished and Pat is looking forward to planning some long trips in it and also regularly going to fly-ins. A front baggage compartment will nearly double the available baggage capacity. He expects that his daughter, Ali, age 13, will fly with him quite a bit. The cockpit will have no vacuum driven instruments and will be all glass instrumentation so he will need some transition training.



When Pat was asked if he wanted to add anything more to this article his reply was not about his plane but how he would be so willing in his role as Flight Advisor for Chapter 1093 to offer help and advice to other builders. He could advise builders on constructing a safe, airworthy aircraft for final FAA inspection. All of this is free and is an EAA member benefit that might save the builder on his insurance bill. As Flight Advisor he could help at the beginning of the project to assist in devising an organizational plan for the project then on completion help the builder in evaluating his/her flying skills. He does not

give a 'yes' or 'no' but could help you develop guidelines for making your own decisions. His last word to builders in the area was, "Please use me!" By Dot Hornsby

Safety Meeting a Success!

On Wednesday, April 18 Tom Krashen of Michigan Department of Aeronautics gave an excellent presentation on two topics: Making (some) sense of the Federal Aviation Regulations and How to get a Good Weather Briefing. Over 35 pilots attended the meeting co-sponsored by Midland Barstow Airport, Janine and J.T. Rairigh and Midland EAA Chapter 1093.

Welcome, New Members

We welcome two new members to our Chapter 1093. **Randy Grasmeyer** lives in Midland with his wife, Carol, and he has a 26 year old son, Ben. Randy has ratings in the Citation 500 and 550, Hawker 800XP, Challenger 604, and multi-engine. He has his A & P license but has not used it for 26 years. He loves to fly and hopes to own an airplane someday.

Also joining us is **Joyce Woods** who has moved back to Midland with her husband, Art, after having been gone a few years 'down state.' She is an engineer for Dow Chemical and has her private pilot's license and also a multiengine land rating. Joyce and her pilot husband own a Cessna 172 and are partners in a Cessna 182. Both planes occupy the hangar at the far north end of the airport. Joyce presently serves as Vice Chair of the Michigan Aeronautics Commission.

Five Year Anniversary of the Loss of Jack Yoder

It is hard to believe that five years have passed since the May 2002 airplane accident that took the life of EAA member and friend of aviation, **Jackie D. Yoder**. We still grieve the loss and yet we are inspired daily by the example Jack set for helping others to achieve their dream of building and flying homebuilt airplanes. He was always there, ready and willing to lend a hand.

Update on Dave Schmelzer's Sonex

Dave Schmelzer has recently painted his Sonex. Here are the before and after photos. It is getting very close to being finished.



Before



After

Dave Schmelzer & Bob Harrington

Trivia Question of the Month

How many years have EAA member pilots been flying Young Eagles?
(Answer elsewhere in this month's newsletter. Also log on to YoungEagles.org for fun flying information.)

EAA Aviation Scholarship Winners



EAA Aviation Scholarship winners, (left to right) **Catherine Rousseau** and **Noelle Palmer**, proudly show off their certificates upon being awarded the Midland Barstow Airport's EAA Chapter 1093 Dot Hornsby Scholarships for 2007. These scholarships permit these two winners to further pursue their careers in the aviation world by paying for additional education and/or flying lessons. The Scholarships are renamed each year in honor or in memory of a local pilot.

Noelle Palmer, the daughter of Jeff and Gina Palmer of Midland, is a senior at Dow High School. She has recently completed private pilot ground school and is a student pilot. She is a former Midland Aviation Camper and in 2006 she helped lead this annual Aviation Camp at the Barstow Airport. Noelle was selected for the Kids to Oshkosh program in 2006 which was awarded by the local EAA Chapter 1093. This fall she will be entering the Aerospace Engineering Program at Embry-Riddle University but she is not yet sure where she would like to be employed upon graduation.

Catherine Rousseau, the daughter of Joseph and Mary Rousseau of Midland, is a senior at Midland High School. She is presently a student pilot and a 2nd lieutenant in the Civil Air Patrol. Catherine is also a former Midland Aviation Camper and the winner of the 2006 Midland Area Community Foundation Hornsby Aviation Scholarship. She has been accepted at the United States Air Force Academy and she wants to fly either a fighter such as an F-22 or a refueler such as a C-130. Ultimately she would like to move into diplomacy and policy implementation.

The EAA Chapter at the Midland Barstow Airport which represents the local pilot community is proud to have such outstanding young people receive their annual Aviation Scholarships.

Aviation Camp

Here comes another year for our Aviation Camp - we're up to 12 years and still counting! When I reflect back on the some 225 young people who have attended the Camp over the years many of them have gone on to aviation careers. However, the majority of them have not but have been given a life-long insight into and appreciation of our aviation and space world - priceless!

This year's Aviation Camp will be held the week of June 18-23, in the Aviation Education Center at the Jack Barstow Airport. This camp is a general overview of the aviation and space world with many guest speakers and hands- on activities. Some of the many topics covered are aerodynamics, history, careers, airplane parts and instruments, weather, navigation, charts, mechanics, and flight planning. Campers get to view planes on the field and will have a day long field trip to the MBS airport. The camp is open to young people going into the 8 - 12 grades for the 2007-2008 school year. Tuition for the camp is \$90 which goes entirely back into the camp; all leaders and helpers are volunteers.

If you know of any young person who might be interested in attending the Camp, please contact Dot Hornsby at 989-631-4342 or dotsby@AOL.com.

Letter from the President

Dear Chapter 1093 Members:

Summer is almost here and this brings “Fly-ins” galore. Saturday, May 5th is our Fly-in / Pancake breakfast. This is a time for you to get involved by giving out tickets to your friends and neighbors. Also it is a time to get to know your fellow members better, working side by side in the food line or parking aircraft. Call Dave Schmelzer (631-7590) and he will assign you a job that really needs to be done.

We will soon be working on initiatives that will bring positive change to the Chapter. We can use your input and participation in creating greater value in 1093. Let me know if we can count on you.

John

John Abbott, President
Midland EAA Chapter 1093
jrabbott@midcogen.com
989-631-5244