



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 3

March 2007

Officers

President	John Abbott	989-631-5244	Treasurer	Mike Rehberg	989-636-1015
Vice-President	Jack Hallett	989-837-5401	Secretary	Dick Sipp	989-435-3128
Advisor/Past President	Paul Ries	989-631-9444			

Class II Directors

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

March 1	Chapter Meeting, 7 pm
March 10	Young Eagles 9 am – 12 pm
March 18	Board Meeting, 7 pm
March 24	Social Gathering
April 5	Chapter Meeting, 7 pm
April 14	Young Eagles, 9 am – 12 pm

SPECIAL EVENTS - 2007

April 18	- Safety Meeting 6:30 pm
May 5 (Saturday)	- Pancake Breakfast
August 4	82 nd Airborne Jump Demo at 3BS
Sept 16 (Sunday)	- Pancake Breakfast
October 13	Celebrate our Airport

March 1, 2007 Chapter Meeting Features Meteorologist Darrin Bradley



Program: **Darrin Bradley**, WNEM-TV5 Chief Meteorologist

Darrin will talk about winter-spring weather patterns in the Great Lakes and Eastern US. He was born and raised in Minnesota, the Land of 10,000 Lakes. He attended Concordia College in Moorhead, MN and St. Cloud State University in St. Cloud, MN and received his Bachelor of Science degree in Meteorology from SCSU in 1993. He has worked at KTTC in Rochester, MN and EarthWatch Communications in Minnetonka, MN. He enjoys the climate in Michigan (primarily winter) and also enjoys camping, fishing, reading, computer games and spending time with friends.

Join us at 6:30 p.m. for refreshments and conversation. The meeting begins at 7:00 p.m.

Thank You for Paying Your Dues for 2007!

Checks (\$25) should be made payable to "EAA Chapter 1093" and mailed to P.O. Box 2464, Midland MI 48641-2464. Thanks for your continued support of Experimental Aircraft Association Chapter 1093.

From the Flight Surgeon – Dr. Greg Pinnell

A common aviation medical problem is heart disease. The FAA is now allowing some third class heart problems to be recertified by local Aviation Medical Examiners (AMEs), thus reducing or eliminating delays in renewing your medical certificate.



Fly safe!

Gregory Pinnell
Senior AME
Flight Surgeon

Safety Corner – Dr. James Rieke

More and more attention is directed to safety issues relating to all aspects of aviation. In this short column each month we will attempt to highlight one of these issues. We would also encourage additional suggestions for topics from EAA members.

The FAA has proposed a major overhaul of the pilot certification regulations-FAR Part 61- that includes more than 200 changes. Examples include:

- Extend the duration of the student pilot certificate to coincide with the duration of the third-class medical
- Allow use of personal computer-based aviation training devices (PCATDs) to meet the instrument currency requirements

For more detail and updates, check www.AOPA.org on-line.

James K. Rieke, Commercial Pilot
Rieke@chartermi.net

Young Eagles – Having Fun!

The cold weather didn't keep young aspiring pilots from showing up on Saturday, Feb 10th for the EAA 1093 Young Eagles program. We had a total of 11 take to the sky with a grin on their face. A few had traveled from Bay City. I think we have the only active program in the area. The outside air temperature hovered around 10 degrees but the sky was clear and the winds light. The pilots didn't spend a lot of time demonstrating a preflight inspection.

Thanks to **Mike Klele** and **Dan Graiver** who generously contributed their time and aircraft to help keep general aviation alive in our area. Thanks to **John Wilson** for caring for the advertising and **Jim Rieke** for assisting.

I would like to invite any interested pilots to come out next month, March 10th to join in the fun. Contact me if you have any questions regarding Young Eagles.



Dave Schmelzer
Young Eagles Coordinator
schmelzerdavid@sbcglobal.net

This Month's Builder Feature – You, Me, and Mona

Dick Sipp's prime motivation for replacing his previously built Van's RV-4 with a Van's RV-10 was Mona. Well, that's stretching the truth a bit. But since the RV-10 is a four-place airplane, there will be ample room for Dick, his wife, Vicki, and their 45 lb. black lab, Mona, plus a generous amount of luggage with its payload of 1100 lbs.



Dick's first experimental, a 1983 RV-4, took him nearly 14 years to build as he traveled then quite a bit with his job (guess so, since he was a corporate pilot for the Ford Motor Company). He also did weekend flying with the USAF military reserve besides serving on active duty for six months during the first Gulf War in Iraq and Saudi Arabia.

He had always been inspired by Van's RVs ever since they came on the scene in the late 1970's, so the RV-10 was an easy choice for him.

His RV-10 kit was ordered in sections from the factory in Portland, Oregon, which sells, by far, more kits than any other company in the world. The 4 sections are the tail cone empennage, the wings, the fuselage, and the finishing kit. Dick started on the first section in November 2003, and then would order the next section a few months before he finished the one he was working on.



This kit differed greatly from his previously built RV-4 since this one was designed on a computer. Assembly has been much quicker because of the pre-drilled rivet holes which makes aligning things so much easier. The wing spar on the RV-4 took a year to assemble, and the spar on this plane was already completely finished when it was shipped.

The complete kit cost was \$45,000, and the experimental 260 HP Lycoming IO-540 engine was \$38,000. Cruise will be 201 mph at 8,000 feet with a service ceiling of 24,000 feet msl; with its 1,950 feet per minute rate of climb, it can get there quickly. It will hold 60 gallons of fuel and use somewhere between 10-15 gallons per hour. The RV-10 will have fixed gear and a constant

speed prop. One of its more amazing capabilities is that it can take off in 360 feet and land in 525 feet with a stall speed of 57 mph.

Dick has been working on the RV-10 in his 2-car garage in Billings Township. He hopes to hang the wings at the airport this spring. So far he has logged about 1,800 hours on the construction.



After he has flown off some hours, he will settle on a paint scheme. His wife Vicki has suggested, "any color but red, white, and blue!" The N number is N110DV and his IFR instrument panel will be all-electronic which eliminates the need for a pitot-static system. He hopes to join some of the other 5,000 RVs currently flying as he, Vicki, and Mona wing their way to visit family in

southern Illinois and, perhaps, next winter program his GPS to take the plane South with All Aboard! By Dot Hornsby

Condolences to the Family of Dr. Robert Barstow

The Chapter wishes to extend our sincere condolences to the family of Dr. Robert Barstow who passed away in Raynham, Massachusetts on January 31, 2007. Dr. Barstow's sister, Ruth Dixon of Midland and his brother, Dr. Richard Barstow of Sedona, Arizona, survive him. He was predeceased by brothers Jack, Ormond and Frederick Barstow.

It was the generosity of the Barstow family foundation that made the construction of the EAA Chapter 1093 Aviation Education Center possible and also helped make the new Jack Barstow Airport Terminal Building a reality.

Hornsby Aviation Scholarship

Applications are now being accepted for the Hornsby Aviation Scholarship at the Midland Area Community Foundation. The Scholarship is open to young people between the ages of 15 -22 and can be used for ground school and/or flying lessons. The application form can be picked up at the Midland Area Community Foundation, 109 E. Main St., Midland (989-839-9661) or obtained online at Midlandfoundation.com. Applications are being accepted for a limited amount of time. If you know of any young person who might be interested, please let them know about this opportunity.

Financing Options from EAA Finance Program

As part of EAA's mission to make aviation more attainable and affordable to its current and future members. EAA has announced new options for aircraft and aircraft kit financing through the **EAA Finance Program**, administered by AirFleet Capital, Inc. While the EAA Finance Program is able to finance progress payments for new very light jets, it has also been aggressively supporting the special light-sport aircraft (S-LSA) market. As this new class has developed, EAA and AirFleet Capital have been producing financing options for these aircraft to fit the needs of the sport pilot. For more information, call 866-808-6040. From Brenda Anderson, Chapter Administrator, EAA Headquarters.

Former Aviation Campers Achieve New Heights

Marcus Plessner, a Midland Aviation Camp 2001 alumnus and Camp Helper, passed his check ride for his Commercial Pilot License in January and obtained his multi-engine rating February 14, 2007. Marcus received the 2004 Hornsby Aviation Scholarship and also the Midland EAA Dale H. Johnson scholarship in 2005. He is a Dow High School graduate and is majoring in Aviation Flight Technology at Northwestern Michigan College in Traverse City. He will be going on for his Bachelors Degree in Business and Aviation Management and plans to earn his flight instructor rating and also CFII before the end of the summer. He is looking into companies with corporate aviation divisions and trying to find a job flying right seat to build time and experience. Congratulations, Marcus!



Catherine Rousseau, Midland High School senior and former Midland Aviation Camper, has been appointed to the United States Air Force Academy. Catherine was the 2006 winner of the Hornsby Aviation Scholarship and is a student pilot as well as an active member and chief master sergeant in the Bay City Composite Squadron of the Civil Air Patrol. Congratulations, Catherine!

Important Requirement for Events held at the Aviation Education Center

Whenever an organized event is held at the Chapter Clubhouse, that is, the Aviation Education Center, the Chapter Board must be notified and a request for insurance form must be filled out and filed with EAA national headquarters with thirty days minimum notice. The event should also be put on the Chapter Calendar by notifying the Aviation Education Center Building Manager.

Newsletter Deadline

The 21st of each month will be 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.

Trivia Question of the Month

What is Meteorologist Darrin Bradley's favorite season in Michigan?
(Answer elsewhere in this month's newsletter.)

No Spring Flower Sale

There will be no Spring Flower Sale this year. The company that we had used over the past several years was very accommodating to our smaller quantity orders, but they are no longer in business. Many thanks to the members who have worked hard to make the flower sale a success and to all who helped by selling and delivering the flowers.

Letter from the President

Dear Chapter 1093 Members:

As I write this letter, the weather man is predicting temperatures in the 40's by this weekend. If spring is in the air... the flying season is not far behind!

This early sign of spring gives a special boost to our effort to identify ways to make our Chapter more effective for 2007 and the next few years. It is a top priority of your Chapter Board. We are right on schedule with the three step planning process we started in January. The Board has now identified 8 initiatives that are aimed at adding value to the effectiveness of our Chapter. This is a beginning. We will add additional initiatives as everyone contributes their thoughts and observations on how to improve our Chapter performance. Frankly, we must continuously look for ways to improve how we function and meet the needs of members, aviation community, and future pilots. I will be sharing these preliminary initiatives at our March 1st meeting. Don't miss it.

There seems to be a steady stream of requests, from a variety of sources, asking to use the Chapter Club house. That's the good news. However, we are required to inform (by completing a form) the EAA insurance carrier of such usage at least 30 days in advance. Therefore, if the Chapter Board approves a request for such usage, it still must be "reviewed" by the insurance carrier in advance of the meeting. See Mike Rehberg for more details.

Finally, there will be a Chapter "social gathering" consisting of fun, food and fellowship, March 24th. Put it on your calendar....now!

Think Spring!

John

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