



LOOKIN' UP

The EAA Chapter of Modern Explorers

EAA Chapter #1093 - Midland, Michigan
 P. O. Box 2464, Midland MI 48641-2464
www.eaa1093.org

Monthly Meetings held on the first Thursday of each month at 7:00 PM - Barstow Airport (3BS)
Volume XIV Issue 10 October 2008

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Historian	Donna Witkop	989-687-5205	Bldg. Manager	Bob Harrington	989-496-3887
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CALENDAR OF EVENTS – 2008

October 2	Chapter Meeting 7:00 pm
Oct 11	Young Eagles 9 am – 12 pm
Oct 16	Chapter Board Meeting 5:30
Nov 6	Chapter Meeting 7:00 pm

Nov 8	Young Eagles 9 am – 12 pm
Nov 20	Chapter Board Meeting 5:30

SPECIAL EVENTS – 2008

October 2nd Meeting features Christine Hartges, Air Traffic Controller, MBS



Christine Hartges, Air Traffic Controller at MBS International Airport, will be the featured speaker at the Thursday, October 2nd meeting. Christine started her aviation career at the Midland-Bay City-Saginaw Airport (MBS) in March 1985. In her 23 years of service to mid-Michigan pilots, she has worked as an Air Traffic Controller, Staff Specialist and Supervisor at both the MBS and Flint control towers. She is now the Acting Air Traffic Manager at the MBS Control Tower. She is an FAA Safety Counselor and is the Vice-President of EAA Chapter 597 in Chesaning. Christine has served for five years as one of the carefully selected and highly respected Air Traffic Controllers at EAA's Oshkosh AirVenture.

Christine owns a Citabria N7GCBC which she flies out of her backyard in Chesaning. She is a multi-engine rated Instrument Flight Instructor and is the mother of three children.

Social hour will begin at 6:30 PM and Christine's presentation "SAY YES TO MBS" starts at 7 PM.

From the Flight Surgeon – Dr. Greg Pinnell

The FAA modernizes! The 8500-8 medical history form you are used to filling out in the AME office is now available online at <https://MedXPress.faa.gov>. When you fill in this form you will receive a confirmation number that you bring into the office during your flight physical. The information you provide is then imported and the exam is filled out electronically. Your medical is printed out and off you go. If the information is not imported by the AME it disappears out of the FAA's computers in 30 days.



One warning, make sure you make a printout of the information you provided on the website and bring it with you to your physical. This way we can review your history and protect you from a possible medical denial which would preclude you from flying sport pilot. Confused? Please feel free to contact me at www.ok2fly.com and I will be happy to answer any questions about this program.

Gregory Pinnell, MD
Senior AME/Flight Surgeon USAFR
www.ok2fly.com

Safety Corner by Dr. James Rieke – Lapse Rates



Lapse rates are important atmospheric measurements. Lapse rate is defined as a change in temperature with altitude and is usually expressed in degrees C. per 1000 feet of altitude. Two invariant lapse rates are the dry air adiabatic lapse rate (DALR) of 3 deg C./1000 ft and the standard air lapse rate (SALR) of 2 deg C./ 1000 ft. in the troposphere.

Measured lapse rates are often compared to the DALR and these comparisons yield information on air mass stability or instability and wind shear. One useful lapse rate value is an average LR of 2.5 deg C. (4.5 deg F) used to determine the thickness of a layer of cumulus clouds; i.e. $(T_{air} - T_{dew\ point})$ divided by LR. Good information for the general aviation pilot wanting to get on top of a cloud layer. Much more detail can be found in various weather texts such as Jeppesen's "Aviation Weather."

Midland Aviation Camp Featured on Midland Cable Television Channels

Our 2008 Midland Aviation Camp will be featured in a series of five half-hour shows produced by Roger Briggs for our local MCTV Channels 3 and 15. It is titled "Barstow" in the television schedule in the Midland Daily News and airs Monday at 9 pm on Channel 15 and Wednesday at 1 pm on Channel 3. The programs are repeated several times. Questions? Contact Dot Hornsby at dotsby@aol.com or 989-631-4342.

Young Eagles to be held Saturday, October 11, 2008

Do you recognize this Young Eagle? Ormond Barstow, brother of Midlander Ruth Barstow Dixon and brother of Jack Barstow, was one of the most enthusiastic student pilots who learned to fly at Midland Jack Barstow Airport in the late 1980's and early 1990's. He would have been thrilled to see what the Young Eagles program has accomplished in the 16 years since its beginning in 1992.

Join us on **Saturday, October 11** from 9 am – 12 noon. Youngsters ages 8 to 17 are invited to experience the joy of flight. We fly kids on the second Saturday of each month, weather permitting and with their parent's written permission.

Dave Schmelzer, Young Eagles Coordinator, 989-631-7590



Dick Sipp Flies his RV-10

Dick Sipp recently retrieved his immaculate RV-10 from the paint shop in Goderich, Ontario, Canada. This part of his project took quite a bit of time as the paint shop was experimenting with a new type of paint. As Dick was completing his project he would send the paint shop ideas for his paint scheme which they would then integrate into their computers. After he flew his plane over to Goderich, they had a few last minute suggestions and here is the beautiful result. N110DV has a unique maroon, white, and gray paint scheme which is matched by the interior of the plane.



Dick has flown off his required hours and has had a few cross country trips. The most recent one was when he

flew with Dave Schmelzer, Mike Klele and Jim Dobben to St. Mary's County, MD, to pick up Mike Klele's new biplane.

The avionics package in Dick's RV-10 is a Chelton dual screen combination flight display/flight management system which is an all digital electronic system. The plane cruises at 165 KTAS and Dick looks forward to many cross country trips with his wife, Vicki, and their dog, Mona.



Congratulations to John and Amy Wilson

Congratulations to **John and Amy Wilson** on the birth of their daughter, **Katelin**, born July 6, 2008. She weighed 7 lbs. 12 oz. When crying and fussy, she takes after her dad. When cooing and smiling, she takes after her mother! (Quote from mom, Amy.) The proud big sister is Nicole, age 15. Welcome, Katelin!

Michigan Air Tour – Boldly Drove where None had Driven Before

The Michigan Air Tour was held September 12-14, 2008. The weather prevented the over 40 registered airplanes from flying, so the pilots and passengers drove the route on September 12 from **Hastings Airport** to **Caro Airport** for lunch, then to **Sparta Airport** and the Grand Rapids Radisson Riverfront hotel for the Michigan Aviation Association (MAA) banquet with speaker Astronaut Jack Lousma. On Saturday, September 13 the tour drove to **Oceana County**, then **Ewart Airport**, and returned to Sparta. The tour concluded Sunday with a drive to **Andrews University Airport** for a simulator demo and safety seminar. Chairpersons, Chet and Patti



Uncapher, outdid themselves in carrying out the Star Trek theme, and prizes were awarded for the best Trekkie costume. Linda Langrill and Mike Woodley are pictured at left.

Glider Duo



You're not having double vision if you have seen two planes fairly close to each other on the field; it's Barstow's own Flying Duo! Some of the main 'members' are Jack Hallett, Jim Dobben, Dave Schmelzer, and Bob Harrington. The glider is a 1982 Burkhart Grob Flugzeugbau, Model G103 Twin



Astir with a '0 HP engine'! The first picture is take-off and the second is Jim Dobben landing the glider on the grass between runway 6/24 and the taxiway.

Note from the President

This year has been a very active time for 1093. 3 Fly-in/breakfasts, Tri-motor event, Aviation Camp, 6 Young Eagle days and a rained out JAARS event ... to name a few. These activities were successful because you got involved. Frankly, you made the difference between a typical Chapter and a great, supercharged Chapter.

Now it is time for each of you to decide how you can best use your talents in 2009. Our most important need now is filling the vacancies on the Chapter Board. If you have served in the past then give the Board the benefit of your experience and serve again. If you have never served on the Board, then bring your new, fresh ideas by serving now.

I will be drafting a slate of proposed officers in the next two weeks, so let me know if you want to be a member of the 2009 Chapter leadership. Call me at 631-5244.

John

John Abbott, President