



# 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 XIV Issue 5 May 2008

### Officers

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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

May 1	Chapter Meeting 7:00 pm
May 3	Pancake Breakfast 7 – 11 am
May 10	Young Eagles 9 am – 12 pm
May 15	Chapter Board Meeting 5:30
June 5	Chapter Meeting 7:00 pm
June 14	Young Eagles 9 am – 12 pm
June 19	Chapter Board Meeting 5:30
June 28	Pancake Breakfast 7 – 11 am

### SPECIAL EVENTS – 2008

May 3	Chapter Pancake Breakfast
June 16-21	Midland Aviation Camp
June 28	Chapter Pancake Breakfast
July 19-20	Camp Trooper, 82 <sup>nd</sup> Airborne
July 28	Airventure, Oshkosh, WI
Aug 18-20	Tri-Motor Rides at Midland
Sept 7	Chapter Pancake Breakfast

## May 1, 2008 Chapter Meeting Features Don Weaver on GPS Systems



You are invited to attend the EAA Chapter 1093 meeting on **Thursday, May 1<sup>st</sup>** at Barstow Airport from **6:30 – 8:00 PM**. Our guest speaker is **Don Weaver** demonstrating “**GPS for Aviation.**” Don will demonstrate functionalities important to pilots in operating advanced GPS systems to support flight under both Visual and Instrument Flight Rules, including a simulated cross-country flight. He will also explain the new Wide Area Augmentation System’s (WAAS) technology which will give even better position accuracy for precision instrument approaches. Don is an accomplished pilot and instructor in aircraft ranging from tailwheels to the technically advanced Cirrus

SR22 and Columbia 400. He also is manager of the national Airshares Elite fleet, a company offering fractional ownership in advanced single engine airplanes. The meeting will start with a social time at 6:30 and program at 7:00 PM at the Aviation Education Center at Midland Barstow Airport. The program is open to the public. Please join us for an interesting, informative evening.

## From the Flight Surgeon – Dr. Greg Pinnell

The flying season has started in the Midwest. Most of us have not been flying much over the winter, so we will be running our checklists and working on sharpening up our piloting skills. We also need to use our “personal checklist” when determining our fitness to fly. A good aid is the “IMSAFE” tool. I = Illness (am I or have I been sick lately), M = Medications (am I on any sedating meds), S = Stress (enough said), A = Alcohol (8 hours bottle to throttle), F = Fatigue (am I well rested), and E = Eating (am I well nourished). Running this checklist will add to your flying safety and increase your enjoyment each time you fly!



Gregory Pinnell, MD  
Senior AME/Flight Surgeon USAFR  
[www.ok2fly.com](http://www.ok2fly.com)

## April Showers Bring May Flowers AND THUNDERSTORMS - Safety Corner by Dr. James Rieke

For those of us flying in the Midwest thunderstorms can come quickly and are often severe. Fortunately they are usually easy to identify. Today most Part 135 commercial operators instruct their pilots to avoid storms, i.e., do not penetrate. The general rule is to remain 20 miles from moderate to heavy storms and 10 miles for light storms. A good rule for all of us to follow! Note: The classification for storms used by Air Traffic Control has changed. The table below shows the new and the previous classification.

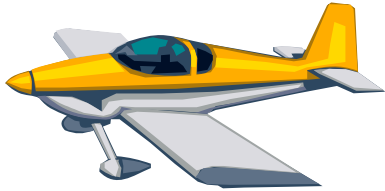
<u>NEW</u>	<u>RAIN/HOUR</u>	<u>LEVEL(OLD)</u>
Light	0.01-0.10 inches	1
Moderate	0.175-0.50 inches	2
Heavy	0.50-2.0 inches	3 and 4
Extreme	2.0-10+ inches	5 and 6

A more detailed discussion of thunderstorms and their affect on airplanes can be found at [www.aopa.org/asf](http://www.aopa.org/asf). The course is free and you can receive WINGS credit if you take the quiz.

## First Flight for Dick Sipp's RV-10 on April 17, 2008 is a Success!

A picture is worth a thousand words, and the smile on Dick Sipp's face after the first flight of his newly completed RV-10 tells the story: It was a success! Friends and family were there to send Dick off in N110DV on its first flight and to welcome him back to earth. Dick commented, “I have to thank first of all my wife Vicki and the rest of the family, and also all the guys in the ghetto hangar for their always ready support and assistance.” Congratulations, Dick!





## Pancake Breakfast, Saturday, May 3rd

Come see the airplanes and enjoy a delicious pancake and eggs breakfast on **Saturday, May 3, 2008**, when EAA Chapter 1093 will host the first **Pancake Breakfast** at the Aviation Education Center from 7:00 am – 11:00 am. \$6 for adults and \$3 for kids. Early that

morning volunteers will be up working to prepare a delicious breakfast of **pancakes, eggs, ham, sausage, fresh homemade donuts, coffee, and juice**. Kids activities include face painting and more. This is a first class community event and we are expecting a good crowd, by air and by ground transportation! Contact Dave Schmelzer at [schmelzerdavid@sbcglobal.net](mailto:schmelzerdavid@sbcglobal.net), 989-631-7590 if you can volunteer to help.

## Builder's Corner – Bob Baringer – What Next??

In 1999, Bob Baringer's builder's hands got the itch to start another project after he had completed his Baby Great Lakes in 1977. The ultra light Kolb Firefly was interesting to him, so he checked it out at Sun 'n Fun in Lakeland, Florida in April of 1999. He liked what he saw and put in an order for the kit which was slow to arrive. He didn't get to get start on the project until January of 2000. Even though this kit was not a 'fast build' one it did have a few sections already assembled like the wing ribs and the fuselage cage. He chose a Rotax 447 engine which at 40 hp gives him a cruise of 60 mph, stall at 28 mph, and a never exceed speed of 80 mph. His steel, aluminum, and fabric plane was completed in a year and a half in June 2001. It's a single seat airplane with an enclosed canopy which pushed the wind back. He grinned and said, "It's not as cold to fly as was my Baby Great Lakes." The color scheme is red and white with E021RB on the side of the plane.



When asked about the avionics he laughed and said, "The same hand held radio that I used during the 1300 hours in my Baby Great Lakes – I didn't have to 'break it in' - just put new Velcro on it." He had no surprises during the building project and estimates the total cost of the project at \$13,000. He flies it locally and has about 350 hours on it at the present time. His last comment was, "It's fun to fly!"

In addition to this project and the Baby Great Lakes, Bob built a ½ scale uncovered model of a Primary Glider. He and Dale Johnson, as students at the first Midland High School (on Grove St.) belonged to a Glider Club at the school. They purchased this damaged glider and repaired it to flying condition and hauled it to the Midland Airport where it never got too far off the ground as it was towed by a car. The rule was "to not lift off," but how can young boys resist the temptation to fly? This ½ scale project now hangs in the hangar of our Aviation Education Center at the Barstow Airport. We're all wondering what project will catch Bob's eye next? Dot Hornsby

## Young Eagles Saturday, May 10, 2008



The weather didn't cooperate last month, so we've ordered a blue skies and light winds for the next Young Eagles event. Join us on **Saturday, May 10** from 9 am – 12 noon. Youngsters ages 8 to 17 are invited to experience the joy of flight, with our thanks to the pilots who volunteer their time and airplanes to make it happen.

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

## New Member – Steve Bujalski

Our newest member is Steve Bujalski who is a private pilot who lives in Bay City with his wife, Denise. He is an electrical contractor with A/C Electric and is looking to build a RV-7 or RV-10. A big welcome from all of us in Chapter 1093.

## Aviation Camp will be June 16-21

The 13th annual Midland Aviation Day Camp will once again give young people a wonderful opportunity to learn more about the aviation and space world. The Camp is sponsored by our EAA Chapter 1093 and will be held in the Ormond Barstow Education Center at the Jack Barstow Airport June 16-21. It is open to students going into the 9<sup>th</sup> through 12<sup>th</sup> grades this fall. From airplanes and aerodynamics to weather, careers, and navigation, the campers will gain first hand knowledge and hands-on experience.

The Camp is limited to 16 students and the \$90 fee covers materials and supplies. Please call 989-631-4342 or e-mail dotsby@aol.com for more information. Dot Hornsby



## Ford Tri-Motor Airplane is coming to Midland in August 2008

Preparations are underway for the upcoming arrival of the Ford Tri-Motor airplane at Midland Barstow Airport in August. Stay tuned for more information about the scheduled rides. Save the dates: noon Monday through noon Wednesday, **August 18 - 20, 2008.**

## Note from the President

It is Time to Fly!

Winter is gone. Start your engine and fly to our first Chapter fly-in pancake breakfast . . . next week. . . May 3rd. This event will kick off the Chapter summer activities. We now have a new donut machine to that will make "Dave's " famous donuts faster than you can eat them. Of course, we will have the all you can eat "Hearty Breakfast" so you can fly home slightly under "gross" weight.

The Ford Tri Motor banner will be flying between a "Tin Lizzy" and a new Ford to advertise the coming of the Tri Motor to Barstow this August. This and many other events are planned for the summer, so this is your opportunity to become part of the volunteers to help make this the best summer yet! Let any of the Chapter Officers (front page) know the you are ready, willing and able. Volunteering is a great way to spend this summer!

*John*

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