



LOOKIN' UP

The EAA Chapter of Modern Explorers

EAA Chapter 1093
Midland, MI
Jack Barstow Airport
KIKW
August 2011

President

Dave Schmelzer
989-631-7590

Vice-President

Jack Hallett
989-708-3008

Treasurer

Dick Sipp
989-832-2528

Secretary

Sarah Lund
989-750-3412

Past President

JT Rairigh
989-513-2841



Final launch of the Shuttle Atlantis

NO AUGUST MEMBERSHIP MEETING

In this issue:

- Camper Thank You
- Your history question
- Member contribution
- The Flight Surgeon
- Dr. Pinnell-Shuttle

Thank You to Chapter 1093

“Trenten is accepting to participate in the EAA kids to Oshkosh Event on July 29, 2011. We are delighted that Trenten has been chosen as a winner for the 2011 Kids to Oshkosh program. We are very grateful for all the volunteers involved with the EAA Chapter 1093. All of you have made us feel more than welcome at the Aviation Camp, The Young Eagles Program days, the pancake breakfast, and at the EAA monthly meetings. The member volunteers have so generously shared with us their time, talents, personal aircraft, and knowledge of aviation and we are appreciative to all of you.

Thank you again for all that you do and for choosing Trenten as a winner for this year's Kids to Oshkosh Program.

Sincerely, Lisa and Paul Cameron”

Thanks Mike!



Thanks to member **Mike Carter** for making our garden space so beautiful - not only did he donate the chips he spread them - all on one of those hot days in July. Chapter 1093 thanks you as well as our many visitors.



Your Barstow History Quiz

The brother of this lady had his Glider License signed by Orville Wright and his pilot's license signed by Charles Lindberg. Who is she, who was he, and where are the copies of these licenses?

From the Flight Surgeon

Less than a month to go until Oshkosh! Many of us will be taking our aircraft over Lake Michigan flying at high altitudes for safety. We all know the FAA rules for oxygen usage. Flight crew must use oxygen above 12,500 feet when the time at altitude is 30 minutes or longer. At 14,000 feet or above all aboard must use supplemental oxygen. The reality is that hypoxic symptoms can start as low as 5000 feet at night and 9000 feet during the day! Additional information on hypoxia and hypoxic signs are available on the web and other sources but if your trip takes you high consider renting or purchasing a portable oxygen system to increase your safety and make the trip more enjoyable!

Gregory Pinnell, MD
Senior AME/ Senior Flight Surgeon USAFR



FREELAND — The first time Dr. Gregory Pinnell witnessed a space shuttle rise on a column of fire and smoke and hurtle toward the heavens, he was on duty as an M.D.

For the shuttle's 135th and final flight set for today, the Freeland man will be on duty again. As a U.S. Air Force Reserve flight surgeon, he's at the Kennedy Space Center in Cape Canaveral, Fla., to respond to any catastrophic event that could endanger the four astronauts' lives aboard the Atlantis.

"If the astronauts see us, they are having a very bad day," he said.

From the time the astronauts are strapped into the shuttle on the launch pad to around the time the giant solid rocket boosters split off the rocketing space vehicle and drop into the Atlantic Ocean, the lieutenant colonel will be on watch and waiting. If an emergency happens, he'll coordinate rescue efforts of three doctors on three HH-60 Pavehawk helicopters and a KC-130 refueling aircraft from an operations building seven miles from the pad. He's also ready to board a fourth helicopter and head out himself, if needed.

A day before the scheduled 11:26 a.m. departure, Pinnell prepped at Patrick Air Force Base next to the launch site for the

historic spaceflight. "It's electric," he said. "We have huge crowds down here. 'We're

trying to stay very focused," he added. "There's always the risk of complacency."

At liftoff, the ground and the air shake as the shuttle's engines blast 7.3 million pounds of thrust off the launch pad to propel the winged spacecraft through the pull of gravity to orbit.

"It's pretty incredible," Pinnell said. "I'm thinking I'll be happy when it gets to orbit safely," he said. "Everybody has seen the Challenger video and your mind superimposes that."

Pinnell, 55, a 1974 Saginaw Arthur Hill High School graduate, has attended shuttle flights for about a decade. "That was one I didn't work and I'm kind of glad," he said. And with the 30-year-old shuttle program at its sunset, he agrees with those who say now marks the time to move on to the next space venture. Statistical odds of a catastrophic failure show another loss of a shuttle will happen, sometime, he noted. "If they keep flying, they're going to find another way to kill somebody," he said.

He didn't always feel that way. But a conversation with aviation legend Burt Rutan persuaded Pinnell the time had arrived to land the shuttle fleet permanently. "He said we're going to go further, faster and less expensive as soon as we get NASA out of low earth orbit," the doctor said. "I really think what Rutan said is right." Aside from the twin tragedies, the world's first manned reusable spacecraft has a storied history: Five missions to save and expand the capabilities of the deep space-peering Hubble Space Telescope, and the orbital construction of the International Space Station among major achievements. Scientists have expanded knowledge in fields as diverse as medicine to manufacturing.

(Article courtesy of the Saginaw News)

Your history quiz, answered!

She is **Ruth Barstow Dixon**, sister of Jack Barstow. Copies of his signed licenses are in the Jack Barstow display case at the Midland Barstow Airport Terminal Building.

Upcoming events

- September 8th -Regular membership meeting.
(7pm)
- August 13th - Young Eagles (9am)
- Pancake breakfast dates:
 - September 10th

Classifieds

Please submit your ads by the 24th of each month. You can reach me at:
jcsorg@att.net or 941-7704

If you have anything you would like included in the next newsletter, please get it to me by the 25 of the month to ensure it will be included. Please note, my new e-mail address is: jcsorg@att.net

Reoccurring chapter events

- First Thursday of each month is the regular membership meeting at 7 pm. Social hour starts at 6 pm.
- Second Saturday of each month is Young Eagles flights. 9 am -12 am.

About our chapter

The Midland Chapter 1093 was organized in 1995 and presently has approximately 80 members. As a chapter, we support homebuilding, aviation in general and, a special emphasis on aviation education.

Officers

President	Dave Schmelzer	989-631-7590
Vice-President	Jack Hallett	989-708-3008
Treasurer	Dick Sipp	989-832-2528
Secretary	Sarah Lund	989-750-3412
Past President	JT Rairigh	989-513-2841

Class II directors

Newsletter Editor	John Sorg	989-941-7704
Programs	Vacant	
Membership	Linda Langrill	989-631-4530
Flight Advisor	Pat Howe	989-687-9588
Tech Advisor	Jim Dobben	989-689-4441
Young Eagles	Mike Woodley	989-631-4530
Historian	Bob Trent	989-839-0491
Bldg. Manager	Bob Harrington	989-496-3887
Publicity	Dot Hornsby	989-631-4342

Mailing address for all correspondence and dues:

EAA Chapter #1093
P.O. Box 2464
Midland, MI 48641-2464

Find us on the Web: <http://eaa1093.org/index.html>

John Sorg
1093 Newsletter Editor