Imagine a wireless system that's truly wireless. It doesn't need a battery or a receiver, unlike most "wireless" sensors that must be electrically connected to a power source, so it can safely be put almost anywhere.

"The cool thing about this system is that we can make sensors that don't need any connections to anything," said Dr. Stanley E. Woodard, senior scientist at NASA Langley. "And we can completely encapsulate them in any electrically nonconductive material, so they can be put in lots of different locations and protected from the environment around them. Plus, we can measure different properties using the same sensor."

NASA Langley scientists initially came up with the idea of the measurement acquisition system to improve aviation safety. They say airplanes could use this technology in several locations. One would be fuel tanks where a wireless sensor would virtually eliminate the possibility of fires and explosions from faulty wires arcing or sparking.

Another would be landing gear. That was where the system was tested in partnership with landing gear manufacturer, Messier-Dowty, Ontario, Canada. A prototype was installed in a landing gear shock strut to measure hydraulic fluid levels. The technology allowed the company to easily measure levels while the gear was moving for the first time ever and cut the time to check the fluid level from five hours to one second.

Traditional sensors use electrical signals to measure characteristics, such as weight, temperature, and others. NASA's new technology is a small hand-held unit that uses magnetic fields to power sensors and gather measurements from them. That eliminates wires and the need for direct contact between the sensor and the data acquisition system.

"Measurements that were difficult to do before because of implementation logistics and environment are now easy with our technology," said Woodard. He is one of four researchers at NASA Langley recognized by the 44th Annual R&D 100 Awards in the electronic equipment category for this invention.

*Dr. Woodard has over 22 patents and more than 80 publications as diverse as spacecraft design methods, spacecraft in-flight dynamics, nuclear physics, piezo-acoustic system, and measurement systems. Website Humanities History & Culture by Mary Bellis and *Obituary

absoluteworship.org

SCAN ME

ORDER OF SERVICES

SUNDAY MORNING

Zoom service
9:30am Men's, Women's, and Youth Classes
10:05am Prayer, Worship & Ministering God's Word
***YOUTUBE* 2:00PM ABSOLUTE WORSHIP INDY**
MONDAY – FRIDAY *7:00 - 7:30am Conference Line Prayer*
609-663-0643
MONDAY, WEDNESDAY, *and* FRIDAY *12noon Conference Line Prayer*
MONDAY *Evening Conference Line Prayer 6:30 - 7:00pm*
WEDNESDAY *6:30pm conference line prayer & 7:00pm Zoom Bible Study*

***FEBRUARY* CELEBRATIONS**

BIRTHDAY
Tywanna White 22nd

Bishop George & Lady Sarion 2nd
49th Wedding Anniversary

WELCOME TO
ABSOLUTE WORSHIP *MINISTRIES*

"The Place for an Ultimate Worship Experience"

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*Indianapolis, IN 46205 * 317-259-1712*
fullgospelworshipministry@gmail.com
www.absoluteworship.org
Bishop George D. Williams, Jr.- Senior Pastor

ORDER OF WORSHIP

Warfare Prayer 10:05am, Morning Worship 10:15am
Praise & Worship
Announcements/Welcome

Tithes & Offerings

You make a living by what you get. You make a life by what you give. (Winston Churchill)

Ministering God's Word

Bishop George Williams, Jr.

Benediction

PASTOR'S VOICE

Greetings to the Absolute Worship Family and Friends. Glory to our God that has done so many wonderful things in our lives. I give Thanks to God for allowing us the opportunity to gather in his house to praise his mighty name.

First, I am thankful for the favor of God shown on Lady Sarion and me for allowing us to share 49years of marriage on Feb. 2. It is truly a blessing to be able to see the hand of God in our lives. We have seen many people come and go but thank the good Lord for his mercy and grace.

Secondly, we are thankful for our tremendous staff that carry on in our absence the last 2 Sundays. What a great blessing it is to have talented and responsible leaders to help serve the body of Christ.

There is an excitement in the air as we prepare to celebrate our 35th year of ministry service. We are getting ready and need everyone to do their part to making this a memorable occasion. Please see Minister Roberta and Lady Sarion today to find out where your help is needed.

Please don't forget our prayer service M-F. It is not optional that we Pray. It is necessary that we come in the prayer room during the week. I would like to see all ministers, and staff members in the prayer room daily. And don't forget our 7pm Wedesday Night Bible Study. Make every effort to carve out one hour of your schedule to attend.

If you are interested in our new member's class. Please go to our website and register for the class. We will share more info when you register. Thank you!

May God's Peace be yours, Bishop George
Feel free to email me this week:
fullword4u@hotmail.com

ANNOUNCEMENTS FEBRUARY 19, 2023

Praise and Worship Night ***for MARCH 18TH , and APRIL 15TH*** has been CANCELLED

Today at 1:00 pm will be AWM first children's service for kids 12 and under, this service will be held on the 3rd Sunday of each month. for more info, please see Ministers Saleem & Tamara.

FEBRUARY 20th at 7:00 pm will be AWM **THE CAFE** for young adults 22 and older, Every 3rd Monday of the month, for more info please see Ministers Saleem & Tamara.

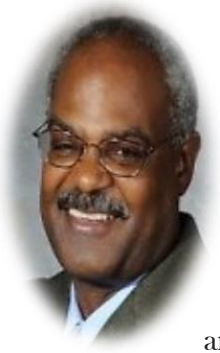
MAY 20TH Praise and Worship Night (Suicide Prevention)

JUNE 17TH Praise and Worship Night

offerings, three ways you can give.

- online absoluteworship.org
- credit/debit card by-phone please contact Andrea Jackson or Lady Sarion
- Cash app $absoluteworship

BLACK AMERICAN HISTORY



Profile of a Hoosier, Stanley Woodard, NASA Aerospace Engineer

Dr. Stanley E. Woodard Senior Scientist at NASA and inventor of the SanSec Wireless Senor.

*Born March 27th1960, died May 18th, 2011.

He was an aerospace engineer at NASA Langley Research Center.

*Stanley Woodard was born and grew-up in Indianapolis Indiana. He attended Broad Ripple High School in Indianapolis where he majored in art, science, and math.

Stanley Woodard received his doctorate in mechanical engineering from Duke University in 1995. Woodard also has bachelor's and master's degrees in engineering from Purdue and Howard University, respectively.

Since coming to work at NASA Langley in 1987, Stanley Woodard has earned many NASA awards, including three Outstanding Performance Awards and a Patent Award. In 1996, Stanley Woodard won the Black Engineer of the Year Award for Outstanding Technical Contributions. In 2006, he was one of four researchers at NASA Langley recognized by the 44th Annual R&D 100 Awards in the electronic equipment category. He was a 2008 NASA Honor Award Winner for exceptional service in the research and development of advanced dynamics technologies for NASA missions.

Magnetic Field Response Measurement Acquisition System