



SOARING OKLAHOMA: AEROSPACE & DEFENSE

Women in the Industry

There are a number of women in the Aerospace & Defense industry that have paved the way for women today to take on a wide variety of roles related to Aerospace & Defense. Both Shannon Lucid and Lieutenant Colonel Arminta Harness are examples of women who have made significant contributions to the industry.

Shannon Lucid (Astronaut)

Shannon Lucid, Ph.D., grew up in Bethany, Oklahoma and is a graduate of Bethany High School. After High School, Lucid went on to attend the University of Oklahoma where she earned a Bachelor of Science degree in Chemistry as well as a Master of Science and Doctor of Philosophy degree in biochemistry. Dr. Lucid belonged to the first class of women astronauts selected by NASA (National Aeronautics and Space Administration, 2012).

Lieutenant Colonel – Arminta Harness (Aeronautical Engineer)

Lt. Col. Arminta Harness obtained an Aeronautical Engineering degree from the University of Southern California in 1955 making her the first female engineer in the United States Air Force. During her 24 years of service, Lt. Col. Harness received the National Defense Service Medal, the Air Force Commendation Medal, a Joint Services Commendation Medal and the Air Force Meritorious Service Medal. In 1971 she also received additional recognition from the Institute for the Advancement of Engineering when she was awarded the Engineering Achievement Merit Award (Society of Women Engineers, 2008).

Do Your Research

Do your research and identify a woman in the United States that has made a significant contribution to the Aerospace & Defense Industry. Create a 3-minute presentation using at least 2 credible resources and offer an overview of that woman's life including her background, education, career and specific contributions.

For a chance to win a free iPad for both yourself AND your teacher, submit a video of you giving your presentation or provide a narrative script of your presentation via NIE's online portal at:

<http://nie.newsok.com/soaring-oklahoma-aerospace-defense-contest-entry/>

All submissions are due by January 29, 2016.