



Photo Release -- On Manufacturing Day, Northrop Grumman Highlights Career Opportunities and the Critical Role Manufacturing Plays in National Security

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Activities included helping high school students nationwide manufacture parts of affordable prosthetic hands using additive manufacturing processes

Students and local officials viewed advanced manufacturing production of microelectronics, satellites and communications systems

FALLS CHURCH, Va., Oct. 2, 2015 (GLOBE NEWSWIRE) -- Northrop Grumman Corporation (NYSE:NOC), a leading aerospace and defense manufacturer of manned and unmanned aircraft, satellites, electronics, robotics and other systems, celebrated Manufacturing Day this week at its facilities across the country. Twenty Northrop Grumman sites held activities designed to draw attention to the outstanding career opportunities in manufacturing and to showcase the company's expansive capabilities.

A photo of those activities is available at: <http://media.globenewswire.com/noc/mediagallery.html?pkgid=36650>

Over the next decade it is estimated that nearly 3.5 million U.S. manufacturing jobs will be needed and 2 million of those positions are expected to go unfilled due to manufacturers' inability to find talent with the required skills, according to a study by the Manufacturing Institute and Deloitte Consulting LLP. Manufacturing Day, an annual national event held on the first Friday in October, is a grassroots effort by U.S. manufacturers designed to showcase modern manufacturing technology and careers, and improve the public perception of manufacturing in America. More information is available at: www.mfgday.com.

Northrop Grumman was among hundreds of manufacturers across the nation that hosted students, employees, job seekers, and other local community members at open houses. Some of the activities included:

- Tours for middle school, high school and college students of space foundry/manufacturing facilities
- Numerous appreciation events for manufacturing and production employees
- A manufacturing demonstration for a high school robotics team
- A fashion show for manufacturing employees
- Media tours highlighting the company's impact to local communities, focus on environmentally conscious manufacturing, and its role in defense manufacturing

At 12 Northrop Grumman facilities nationwide, employees assisted science, technology, engineering and math students from area high schools with a prosthetic hand assembly project. Traditional prosthetic hands can cost thousands of dollars, whereas the student-constructed devices cost \$30-40 and were made using advanced, additive manufacturing. The hands were donated to Enabling the Future, a nonprofit that specializes in providing prosthetics to children in need around the globe.

Northrop Grumman's Palmdale, California site recently received the Silver level Zero Waste certification from the U.S. Zero Waste Business Council, becoming the first aerospace production and manufacturing facility in the U.S. to receive this honor. The Palmdale site, which produces F-35 center fuselages was voted Assembly Plant of the Year in 2013 by Assembly Magazine.

Northrop Grumman is a leading global security company providing innovative systems, products and solutions in unmanned systems, cyber, C4ISR, and logistics and modernization to government and commercial customers worldwide. Please visit www.northropgrumman.com for more information.

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Northrop Grumman employees assist science, technology, engineering and math students from two Baltimore City high schools with a prosthetic hand assembly project in conjunction with the corporation's Manufacturing Week observance. The functioning hands were donated to Enabling the Future, a non-profit organization that provides the prosthetic devices to children in need worldwide. In the photo, from L to R are: Adam Vezer, a manufacturing technician at Northrop Grumman's Electronic Systems sector in Linthicum; Aishwarya Shettigar, 15, a student at Baltimore Polytechnic Institute; Kirsten Toland, 17, a student at the National Academy Foundation; and Dan Ditzel, a manufacturing engineer at Northrop Grumman.



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