

FOR IMMEDIATE RELEASE

Paramount Industries Presents Replica of USS United States Created with 3D Printing

Paramount Industries CEO Jim Williams presented a 3D model of the historic Navy frigate USS United States to US Navy Chief of Naval Operations Admiral Gary Roughead at Philadelphia Navy Yard. Paramount created the replica using 3D printing.

Langhorne, PA (PRWEB) September 12, 2011 – [Paramount Industries, Inc.](http://www.paramountind.com), a world-class product development / rapid deployment and manufacturing services company, participated in a ribbon cutting ceremony and press conference at Philadelphia's Navy Yard on August 27, 2011. The press conference included remarks from Mayor Michael Nutter, Temple University President Ann Weaver Hart, US Navy Chief of Naval Operations Admiral Gary Roughead, as well as other dignitaries and program managers. Jim Williams, Paramount Industries' President and CEO, presented a commemorative award to CNO Admiral Roughead - a 3D printed replica of the USS United States frigate created using [laser sintering](#).

"Today we are pleased to focus our attention to the history of the US Navy, STEM education programs and the next generation of America's workforce," said Williams. "It is an honor to support military leaders, government officials, academia and young students in this capacity."

The 3D model was manufactured at Paramount Industries facility for [rapid prototyping](#) and [additive manufacturing](#) using 3D digital scanning and [selective laser sintering, an advanced 3D printing technology](#). These technologies are currently used to deliver prototypes and customized production-ready parts for the medical device, electronics and consumer products industries. Paramount has rapidly manufactured and deployed critical components to high profile aerospace and defense programs such as the F-35 Joint Strike Fighter, Wolfhound Handheld Threat Warning System and the Honeywell T-Hawk.



The ribbon cutting ceremony celebrated the launch of the Mathematics, Engineering, Science Achievement (MESA) program, a new STEM initiative at Temple University. MESA is an academic preparation program that serves pre-college, community college and university students who are educationally disadvantaged. During the event, Mayor Nutter spoke about the importance of science, technology, engineering and math (STEM) education.

Research studies show a strong correlation between STEM education and competitiveness and economic prosperity. Science, technology, engineering and math graduates and undergraduates are the highly-skilled and professional workers who make future contributions to society and the workforce.

"It is critical for business leaders and government officials to support education programs that promote innovation, encourage young students and move professionals into the technology-driven future," said

Williams. “Breakthrough technologies, such as 3D printing and additive manufacturing, allow for smarter engineering and manufacturing of products designed to protect the nation’s military on the front lines where it’s needed the most. In addition to helping those who protect our liberties and freedoms, additive manufacturing offers significant advantages: it returns the competitive edge to American-based manufacturers, allows businesses to create new jobs and strengthens the US economy.”

Paramount Industries employs nearly 50 engineers, technicians, program and business managers at its Langhorne, Pennsylvania-based research, development and manufacturing facility.

About Paramount Industries, Inc.

Founded in 1966, Paramount Industries, Inc. is among the world's most experienced providers of [product development services](#), including design engineering, additive manufacturing, [rapid prototyping](#), direct digital manufacturing, rapid manufacturing, tooling, urethane casting, injection molding and contract manufacturing. Paramount is AS9100 and ISO 9001:2008 certified and ITAR registered. Paramount holds active memberships with the Additive Manufacturing Users Group (AMUG), Association for Manufacturing Excellence (AME), Association for Unmanned Vehicle Systems International (AUVSI), Keystone Chapter AUVSI, Society of Manufacturing Engineers (SME) and ASTM International (formerly known as the American Society for Testing and Materials). Industry news updates can be received via Paramount’s social networks on [Facebook](#), [Twitter](#), [LinkedIn](#) and [YouTube](#) and on [Paramount’s Additive Manufacturing and Rapid Prototyping Blog](#).

About USS United States (Navy Frigate)

USS United States was a wooden-hulled, three-masted heavy frigate of the United States Navy constructed by the Naval Act of 1794. It was larger and more heavily armed than standard frigates of the period. Built at Humphrey's shipyard in Philadelphia, Pennsylvania, the USS United States was launched in 1797 and immediately began duties with the newly formed Navy.

About Mathematics, Engineering, Science Achievement (MESA)

MESA is an academic preparation program that serves pre-college, community college and university students who are educationally disadvantaged. Almost two-thirds of MESA high school graduates go on to college as math, engineering or science majors.

About Temple University

Founded in 1884 by Dr. Russell Conwell as Temple College and became Temple University in 1907. The comprehensive urban research and academic institution, a 186-acre campus, is located in the Philadelphia suburb of Ambler. Students can take a wide variety of undergraduate, graduate and non-credit courses at Fort Washington, Harrisburg and City Center locations.

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