Lockheed Martin To Host NexTech Engineering & Technology Demonstration Day

PR Newswire
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HOUSTON, Sept. 15, 2011 – Lockheed Martin [NYSE: LMT] will be showcasing its latest technologies and innovative capabilities at the NexTech Engineering & Technology Demonstration Day. Media will have the rare opportunity to see first-hand 25 demonstrations and a dozen presentations from across Lockheed Martin in the areas of Engineering, Information Technology and Space.

(Logo: http://photos.prnewswire.com/prnh/20110419/PH85737LOGO-b)

WHAT: Lockheed Martin NexTech Engineering & Technology Demonstration Day

WHO: Lockheed Martin IS&GS-Civil Vice President Rick Hieb and other Lockheed Martin experts will be available to tour media through technology exhibits and presentations. NASA Civil Servants will also be in attendance.

WHEN: Media are invited for tours Thursday, Sept. 29, 2011, from 2:00 to 4:00 PM.

RSVP is required to Sheila Collins (sheila.collins@lmco.com) by Monday, Sept. 26.

WHERE: NASA Johnson Space Center Gilruth Center, Alamo Room,

2101 E. NASA Parkway, Houston, Texas

PRODUCTS ON DISPLAY:

Skunk Works®
Learn about the Lockheed Martin Skunk Works® culture of innovation and the approaches this team has adopted during its 68-year history developing some of the world's most innovative aircraft. Alton D. Romig, Jr., PhD, vice president & general manager, Lockheed Martin Aeronautics, Advanced Development Programs, Skunk Works® will present on *Innovation, Skunk Works® Style.*

F-22 Cockpit Raptor Cockpit Demonstrator
This simulator is used to demonstrate the unique 5th generation capabilities of the world's most formidable tactical fighter. Attendees "climb aboard" and fly the Raptor in an air dominance mission. It is as close to the real thing as most folks will ever experience.

Deployable Virtual Training Environment
This flexible, mobile, training system provides integrated team training using an off the shelf laptop and joystick hardware suite, including a simulation network with reconfigurable workstations capable of emulating a wide variety of systems.

Human Universal Load Carrier (HULC™) Exoskeleton
The un-tethered, hydraulic-powered anthropomorphic exoskeleton provides users with the ability to carry loads up to 200 pounds for extended periods and over all terrains. HULC can be reconfigured to serve a wide variety of applications.

Control Center Defense Littoral Combat Ship (LCS) Simulation
The LCS is built to operate in coastal areas of the globe. It is fast, highly maneuverable and geared to supporting mine detection/elimination, anti-submarine warfare and surface warfare, particularly against small surface craft. The display has software to calibrate the visual system, which immerses the simulated bridge in a realistic virtual environment.

VirtuSphere
The VirtuSphere uses new locomotion technology for an enhanced virtual reality experience. It features articulated 3-D human icons supporting multiple postures, navigation in urban areas, dynamic terrain effects, night vision and thermal models.

Human Immersive Laboratory (HIL)
HIL is a large-scale, immersive virtual reality system first used as a simulation tool to facilitate design and test of the 5th generation F-35 Lightning II—the Joint Strike fighter. HIL is an interactive demo where attendees will spend time in the virtual environment.

Space Fence
Space Fence is a ground based S-Band radar system that will enhance Space Situational Awareness (SSA) by detecting, tracking and cataloging resident space objects, including small objects in low and medium earth orbit.

Headquartered in Bethesda, Md., Lockheed Martin is a global security company that employs about 126,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The Corporation's 2010 sales from continuing operations were $45.8 billion.

Lockheed Martin Media Contacts:

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For additional information, visit our website:

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