

Hercules Aircraft Maintenance Manuals Get an Overhaul with NGRAIN and Standard Aero Interactive Technologies

New 3D-enabled interactive technical manual helps to reduce repair turn-around time and to improve repair accuracy

Orlando, FL, December 3, 2006 – NGRAIN, award-winning provider of 3D performance support solutions, and Standard Aero, leading provider of maintenance, repair, and overhaul (MRO) services and technical publication solutions to the aerospace and defense industries, today unveiled plans to jointly develop a 3D-enabled Interactive Electronic Technical Manual (IETM) for the T56 Engine. The engine is used on Lockheed Martin's Hercules C130 and P3 Aircraft. The new solution will help to reduce repair turn-around time and increase equipment uptime.

Unlike traditional technical manuals, which consist mostly of text and line drawings and are delivered primarily in printed, hard copy format, the Standard Aero and NGRAIN developed IETM will leverage fully interactive 3D simulations of the T56 engine to aid maintainers in understanding and performing repair tasks. Maintainers will be able to review procedures by watching a 3D animation prior to undertaking repairs, improving the maintainers' level of understanding. Additionally, as NGRAIN uniquely provides users with the ability to interact with the 3D equipment simulations in real time, maintainers will also be able to practice repairs before undertaking them, helping improve speed and accuracy of task performance.

"NGRAIN delivers the highest level of interactivity of any 3D solution. We knew that by taking advantage of NGRAIN technology's seamless integration into our Interactive Electronic Technical Manuals we could provide customers with a unique and powerful solution that will help simplify and streamline engine repair," said Jim Henry, VP Technology Development, Standard Aero. "We are excited to work with NGRAIN and deliver this innovative and high value solution to our customers."

The new solution will also help customers to address knowledge retention and training issues for the venerable C130 and P3 aircraft and their T56 engines. The technical and training information in the IETM will help military forces, and the MRO organizations that serve them, to more effectively train junior maintainers as technicians most familiar with the engine retire. Because NGRAIN technology is optimized for Web delivery and can be deployed to PDAs, military organizations can also easily deliver this information to maintainers anywhere, anytime, regardless of geographic location.

"Today's operational environment demands that equipment repairs be done quickly and correctly the first time. NGRAIN is excited to offer a solution that simplifies and streamlines this critical process," said Gabe Batstone, VP Marketing and Business Development at NGRAIN. "Standard Aero is the world's premier provider of maintenance, repair, overhaul services and technical publications for the T56 engine. It is a testament to NGRAIN's rapid growth in the Aerospace & Defense industry that we are able to partner with such a respected industry leader and provide the military and its contractors with a solution unlike anything on the market today."

Attendees of I/ITSEC 2006 can see a demonstration of the IETM by visiting booth 1149.

About NGRAIN

NGRAIN transforms the sustainment of complex equipment with 3D performance support solutions for the aerospace and defense industry. NGRAIN increases equipment readiness by accelerating learning on complex equipment, enabling first-time-right performance, and reducing maintenance cycle time.

NGRAIN is optimized for web deployment and portable devices. With NGRAIN, anyone can rapidly incorporate interactive 3D equipment simulations into sustainment applications, including courseware and technical manuals.

Customers include all branches of the United States military, the Canadian Forces, and leading defense manufacturers and system integrators, including Lockheed Martin, Northrop Grumman, and CAE.

Contact

Sarah Grant, High Road Communications for NGRAIN
t: 514.908.0110 ext. 313 | e: sgrant@highroad.com

<http://www.ngrain.com>