



Acquisition & Logistics Excellence

NATIONAL INDUSTRIES FOR THE SEVERELY HANDICAPPED RECOGNIZES PEO SOLDIER FOR CREATING JOBS FOR SEVERELY DISABLED

Program Executive Office (PEO) Soldier received the National Industries for the Severely Handicapped (NISH) 2006 Government Award for Products at the National Training and Achievement Conference May 1, 2007, in Grapevine, Texas. They were recognized for providing hundreds of jobs to people with severe disabilities who work for non-profits that produce clothing and gear for soldiers. PEO Soldier's Clothing and Individual Equipment program acquired more than four million items from these non-profits for the Rapid Fielding Initiative and the Generation III Extreme Cold Weather Clothing System, resulting in more than \$94 million in sales.

The NISH award recognizes the Department of Defense and other federal agencies that provide outstanding support to a non-profit organization employing disabled workers under the Javits-Wagner-O'Day (JWOD) program. This program coordinates with non-profits across the country to give jobs to severely disabled persons and to provide goods and services to the federal government at a fair price.

"PEO Soldier has gone the extra mile in supporting opportunities for persons with disabilities. PEO Soldier has not only educated its staff about people with severe disabilities, they 'walked the talk' and demonstrated their commitment by placing their trust in the JWOD program," said Karen Jury of Peckham Inc. who nominated PEO Soldier for the award. "This trust can be seen by using JWOD producers for the critical Rapid Fielding Initiative and designating JWOD as a mandatory source for the new Generation III program. Their efforts have resulted in adding over 200 new jobs for persons with severe disabilities at Peckham alone," she added.

"We are all extremely proud of NISH's recognition of our organization's support of JWOD," said Army Col. John J. McGuiness, the project manager of PEO Soldier's soldier equipment program. "We see ourselves as partners with JWOD. It is a mutually beneficial partnership that is key to our continued ability to provide the world's best equipment to the world's best soldiers."

"Trust is critical when our products reach every soldier, everywhere, every day," said Army Lt. Col. John Lemonides, the PEO Soldier clothing and individual equipment (CIE) product manager. "The non-profits manufacturing products under the JWOD program are an integral part of the global war on terrorism. With their support, PEO Soldier provides quality products on time, and at a fair price. We would like to thank those non-profits and the persons with disabilities whom they employ for their tireless efforts on our behalf."

For additional information on PEO Soldier visit <www.peosoldier.army.mil>.

DEPARTMENT OF DEFENSE NEWS RELEASE (MAY 16, 2007)

DEPARTMENT OF DEFENSE VALUE ENGINEERING ACHIEVEMENT AWARDS

Deputy Under Secretary of Defense for Acquisition and Technology James Finley presented the annual Department of Defense Value Engineering Achievement awards during a May 16 ceremony at the Pentagon.

During fiscal 2006, 3,473 in-house value engineering proposals and contractor-initiated value engineering change proposals were accepted with projected savings/cost avoidance in excess of \$1.6 billion.

Value Engineering identifies actions that reduce cost, increase quality, and improve mission capabilities across the entire spectrum of DoD systems, processes, and organizations. The program continues to be an incentive for government and industry counterparts to improve the joint value proposition by promoting innovation and creativity. These innovative proposals seek best value solutions as part of a successful business relationship.

The Value Engineering Awards Program is an acknowledgment of exemplary achievement and encourages additional projects to improve in-house and contractor productivity. Award winners from each DoD component were eligible for selection in the following five categories: program/project, individual, team, organization, and contractor. Additional special awards recognized innovative applications or approaches that expanded the traditional scope of value engineering use.



The list of award recipients can be found at <www.defenselink.mil/news/May2007/2006ValueEngineeringawardrecipients.pdf>.

U.S. JOINT FORCES COMMAND
(MAY 8, 2007)
**U.S. JOINT FORCES COMMAND
MODELING AND SIMULATION DIVISION
WINS AWARD**

Robert Pursell

HAMPTON, Va.--The Department of Defense (DoD) recognized the modeling and simulation division of the U.S. Joint Forces Command's (USJFCOM) Joint Innovation and Experimentation Directorate (J9) with an award May 8.

The division was honored as the "best experimentation community" during the closing moments of a ceremony held at the DoD's Modeling and Simulation Conference at the Hampton Roads Convention Center.

The conference, held in Hampton Roads for the first time, provides a forum for discussing and coordinating future plans, goals, and programs within the department's modeling and simulation (M&S) community.

According to the letter sent out announcing the award winners, the team received the award for the development of a synthetic environment that allows political, economic, social, informational, and infrastructure modeling.



U.S. Joint Forces Command's Glenn Goodman (right), a program manager at the Joint Innovation and Experimentation Directorate accepts the Modeling and Simulation Award for "best DoD experimentation community" on behalf of Modeling and Simulation Division. The awards were given at the DoD's Modeling and Simulation Conference at the Hampton Roads Convention Center, Va.

Photograph by Staff Sgt. Joe Laws, USAF



Used during Urban Resolve 2015 (UR 2015) over the last year, the tool allowed the various aspects of a national power to be modeled as actions and perceived effects in an environment similar to situations the military and U.S. inter-agency communities face around the globe.

Jim Blank, J9 modeling and simulation division chief, explained the experimenting with the synthetic environment during UR 2015.

“The experiment itself was the focus of the award. There were a lot of things that came out of that particular experiment, a lot of potential solutions, architecture pieces, and the thought that went into building the infrastructure we thought would make a difference and apparently it did.”

He said the group is happy about winning the award, but said there is still work to be done. Among other efforts, the division will continue its efforts to support the Noble

Resolve homeland defense campaign USJFCOM is currently working with U.S. Northern Command. Overall, there were nine other winners of different categories. A total of 99 organizations from across the DoD were nominated for the awards.

Pursell writes for USJFCOM Public Affairs.

AIR FORCE PRINT NEWS (MAY 18, 2007) **THINKING LEAN, A MUST FOR STRONGER, SMALLER AIR FORCE**

1st Lt. Rose Richeson

INCIRLIK AIR BASE, Turkey--The U.S. Air Forces in Europe vice commander, Maj. Gen. Marc Rogers, spent time with senior leaders at Incirlik Air Base to discuss the importance of Air Force Smart Operations for the 21st Century, or AFSO21.

Rogers began with a big picture explanation of the Air Force's strong focus on the Lean process--the endless



Senior leaders sit in on a brief given by Maj. Gen. Marc Rogers, U.S. Air Forces in Europe vice commander, May 11 at Incirlik Air Base, Turkey. Rogers discussed the importance of Air Force Smart Operations for the 21st Century, more commonly referred to as AFSO21.

U.S. Air Force photograph by 1st Lt. Rose Richeson, USAF



pursuit of identification and elimination of waste, adapting to change, and continuous process improvement.

“We need to transform our Air Force,” he said. “Think about what our Air Force was in ‘47, ‘52, ‘69, and look at what we do today. We are the smallest we have been in history; but we are the most powerful.”

Leaders are being asked to alter the way they do business in order to keep up with the information age—a huge driving factor behind this transformation. Rogers concentrated his message on the leaders of the Incirlik community because they are charged with leading and sustaining the force.

“You [senior leaders] have got to have a strategy ... but at the same time, when changes happen you’ve got to be able to accommodate these changing things,” he said.

The key behind leaning processes is to achieve a transformation outcome that will save cost, time, and effort. An AFSSO 21 outcome can stem from one of the following three approaches: taking current processes and changing them, combining current platforms and executing them in new ways with reengineered processes, or using something completely different and out of the box by exploring new solutions.

Rogers stressed that the focus of Lean should be on enabling the Air Force’s people, for they are the key component of all processes.

“At the tactical level you can pretty well do your jobs,” he said. “The things that make it tougher for you to do your job is all the rest of the bureaucracy. We can really lean out this Air Force—there is a lot of work to be done.”

One of the hardest things this transformation will ask for is a culture change, the general said. Without training and the right tools, the unit’s existing character and mentality will be too powerful to overcome.

“If you can create across your command, across your unit, a mindset of out-of-the-box Lean thinking, you will automatically become more adaptable,” Rogers said.

“Lean is a great leadership development tool that should be used to mentor your people and develop them,” the general said.

Richeson is with 39th Air Base Wing Public Affairs.

DEPARTMENT OF DEFENSE NEWS RELEASE (MAY 23, 2007) **DOD AWARDS GRANTS TO MINORITY INSTITUTIONS**

The Department of Defense announced plans to award \$8.6 million to 32 minority institutions as part of the fiscal 2007 DoD Historically Black Colleges and Universities and Minority Institutions Infrastructure Support Program.

The grants will enhance education programs and research capabilities at the recipient institutions in scientific disciplines critical to national security and the DoD.

This announcement is the result of competition for infrastructure support funding conducted for the Office of Defense Research and Engineering by the Army Research Office and the Air Force Office of Scientific Research. The fiscal 2007 program solicitation received 78 proposals in response to a broad agency announcement issued in October 2006.

Equipment grants, which range from \$75,000 to \$500,000 and will have a performance period of 12 months, will be made by the Army Research Office.

All awards are subject to the successful completion of negotiations between DoD and the academic institutions.

The list of recipients for fiscal 2007 funding can be found at www.defenselink.mil/news/May2007/d20070523grants.pdf > .

AIR FORCE PRINT NEWS (MAY 31, 2007) **SMALL BUSINESS AWARD WINNERS CHOSEN**

WASHINGTON—The 2006 Secretary of the Air Force Small Business Awards were presented by the under secretary of the Air Force in a ceremony in Washington, D.C.

“It is a pleasure to recognize these Air Force members and teams who have excelled in this important area,” said Dr. Ronald M. Sega.

“Their efforts play a valuable role in the Air Force’s ability to perform its mission and ultimately result in our being able to successfully operate in air, space, and cyberspace,” he said.

The 2006 Small Business Award winners are:



- Secretary of the Air Force Special Achievement Award at the Activity level is Oklahoma City Air Logistics Center at Tinker Air Force Base, Okla.; and the 2nd Contracting Squadron at Barksdale AFB, La.
- Secretary of the Air Force Special Achievement Award at the Individual level is Joan Fulkerson of the Air Force Research Laboratory at Kirtland AFB, N.M.; and Dwight Slotto of the 5th Contracting Squadron at Minot AFB, N.D.
- Outstanding Contribution to the Small Business Program by a Contracting Team is the Medical Support Team of the 82nd Contracting Squadron at Sheppard AFB, Texas.
- Outstanding contribution to the Small Business Program by a Contracting Individual is Jeffrey Jacob of the 88th Contracting Squadron at Wright-Patterson AFB, Ohio.
- Small Business Champion is Capt. Kellie Turner of the Space and Missile Center, 1st Operationally Responsive Space Squadron at Kirtland AFB, N.M.

The broad scope of the Air Force mission is embodied by the award winners and their organizations, said Ronald A. Poussard, the director of Air Force Small Business Programs.

“These individuals and units represent the full spectrum of Air Force operations that help us fly and fight in air, space, and cyberspace,” he said. “The awards include recognition for air logistics support for our aircraft, medical professionals to take care of our airmen, and far-reaching space technology to help us win the war on terror. These small business and contracting professionals have raised the bar beyond just awarding contracts to delivering critical capability to the warfighter.”

Courtesy of the Secretary of the Air Force Public Affairs.

AIR FORCE PRINT NEWS (MAY 31, 2007) **ENGINEERS GARNER DOD ENVIRONMENTAL RESTORATION AWARD**

Tech. Sgt. Kevin Wallace, USAF

DOVER AIR FORCE BASE, Del.—Dover Air Force Base was recently named the winner of the 2006 Secretary of Defense Environmental Restoration Award.

Members of the 436th Civil Engineer Squadron garnered the recognition for managing the best environmental restoration program in the Department of Defense.

Earlier this year, Dover AFB won the Air Force Gen. Thomas D. White Environmental Restoration Award, placing it in the Secretary of Defense Environmental Awards competition against the winners from the other DoD components.

In the end, the flight was judged to be the “best of the best,” within the DOD, said Jo Ann Deramo, the 436th CES Environmental Flight manager.

The purpose of the DoD Environmental Restoration Program is to clean up contamination that was released into the environment from historical waste-handling practices and industrial processes.

“Today’s waste-handling practices and processes are environmentally friendly,” Deramo said. “In the past, industrial wastes were disposed of in open pits, unlined landfills, and other ways that caused chemicals to contaminate soil and groundwater.”

The objective of the ERP is to support the warfighting mission by restoring contaminated sites for base use as quickly and cost effectively as possible, while protecting human health and the environment.

Dover AFB is listed on the Environmental Protection Agency’s National Priorities List, also known as the “Superfund,” due to the presence of contamination from 59 historical contaminant release sites located on the base. In 2006, Dover AFB’s restoration team completed cleanup remedies at all 59 sites, making the base one of only six Air Force NPL facilities to achieve this milestone.

Deramo did not complete the task alone. Her technical team included Robert Wikso, an environmental specialist also with the flight, and scientists and technical experts from several other state- and national-level environmental agencies.

Dover AFB representatives traveled to Washington, D.C., June 7 to be presented with the award during a ceremony at the Pentagon.

Wallace is with 436th Airlift Wing Public Affairs.

ARMY NEWS SERVICE (JUNE 4, 2007) **LEAN SIX SIGMA EFFORTS NEAR \$2 BILLION IN SAVINGS**

J.D. Leipold



WASHINGTON—Lean Six Sigma techniques implemented throughout the Army continue to prove successful, and leaders anticipate reaching a \$2 billion savings mark this year.

One of the latest LSS successes took place at West Point, N.Y., home of the U.S. Military Academy. Five officers-in-training who had completed green belt training applied a lean process called value stream analysis to figure out more efficient meal scheduling, which would result in a reduction in the amount of discarded meals in the mess hall.

The cadets were able to predict how many of their brethren dined on certain optional meal days and in the end were able to show how the school could save precious resources by cutting costs and more efficiently allocating resources.

Lt. Col. Donna Korycinski, the cadets' advisor, teacher, mentor, and project director, said her students understand the LSS process, were able to pull the techniques together, and in the process they're leaving a "long-lasting legacy at West Point."

"All the cadets follow the same LSS framework, the same training taught at other green and black belt courses across the Army," said Ronald E. Rezek, assistant to the deputy under secretary of the Army for business transformation. "The cadets are comfortable with this important responsibility, and they are happy and enthusiastic."

Inside Army headquarters, value steam analysis led to a large number of recommendations to streamline the communication process across the chain of command through lieutenant generals.

Director of the Army Staff Lt. Gen. James Campbell has been using LSS techniques to improve the way "taskers" are processed in Washington. He commissioned a study, and while he found some efficiencies were already in place, there were many steps that could be eliminated through an automated system. Reducing waste and speeding up the information management process was made a top priority because in the end, he said, moving information efficiently to and from senior leaders is the key to success for an effective staff.

"Building on early success for in-house improvements pointed us toward several actions now being imple-

mented to improve the quality of Army headquarters staff work," Campbell said.

Other LSS successes since the program's inception include the "Just Do It" Army recruiting process. Before LSS implementation, 32 steps were required to process recruits. Today, that number is down to 11.

At Fort Bragg, N.C.'s Central Issue Facility, a one-stop equipment and clothing outlet for base soldiers was able to reduce issue and turn-in times by 50 percent and its inventory by more than 65 percent. Installation officials expect a 20-percent cost savings by October.

Employees at Red River Army Depot, Texas, focused on projects involving the Bradley fighting vehicle to earn almost \$600,000 in savings. Fuel-recycling initiatives there also saved more than 37,000 gallons of fuel, with a value of roughly \$85,000 in just one year.

For more information on the Army Business Transformation Strategic Framework go to <www.army.mil/armybtkc>.

DEPARTMENT OF DEFENSE NEWS RELEASE (JUNE 6, 2007)

DOD ANNOUNCES WINNERS OF THE SECRETARY OF DEFENSE ENVIRONMENTAL AWARDS

The Department of Defense announced today the winners of the Secretary of Defense Environmental Awards for fiscal 2006. A panel representing federal and state agencies and public members has selected the following installations, teams, and individuals as the winners of this year's awards:

- Arnold Air Force Base, Tenn.
Natural Resources Conservation – Large Installation
- Fort Drum, N.Y.
Cultural Resources Management – Installation
- Gary M. O'Donnell, Hickam Air Force Base, Hawaii
Cultural Resources Management – Individual/Team
- Tinker Air Force Base, Okla.
Environmental Quality – Industrial Installation
- Marine Corps Base, Camp Smedley D. Butler, Japan
Environmental Quality – Overseas Installation
- Marine Corps Base, Hawaii
Pollution Prevention – Non-Industrial Installation
- Pollution Prevention Afloat Team, Naval Sea Systems Command, Washington, D.C.
Pollution Prevention – Individual/Team



- Dover Air Force Base, Del.
Environmental Restoration – Installation

Each year since 1962, the secretary of defense has recognized outstanding achievement in environmental management by military and civilian personnel, at both domestic and overseas bases, to sustain military readiness, training, and operational capabilities.

For more information on the Secretary of Defense Environmental Awards Program and highlights of this year's winners and honorable mentions, visit: <<https://www.denix.osd.mil/denix/Public/Library/Awards/awards.html>>

AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (JUNE 15, 2007) **ENGINEERS SELECT AIR FORCE BASIC RESEARCH PROGRAM MANAGER FOR FELLOWSHIP**

Maria Callier

ARLINGTON, Va.—A June announcement from the Air Force Office of Scientific Research indicates that the Institute of Electrical and Electronics Engineers Inc., Board of Directors has named an AFOSR program manager as a Fellow for its class of 2007.

The board selected Dr. Harold Weinstock, AFOSR's quantum electronic solids research program manager, on factors that included leadership and research in the field of superconducting magnetometry, a tool for analyzing metallic structural integrity.

"I was one of the originators of using superconducting magnetometry for non-destructive evaluation, which I first did during a sabbatical when I was a professor of physics at Illinois Institute of Technology in Chicago," said Weinstock. "I also did it while on sabbatical at the Naval Research Laboratory."

Weinstock said being selected for the fellowship was a pleasant surprise.

"I had been an IEEE member for only five years, the minimum time required to be eligible," he said. "I was somewhat overwhelmed by the number of people from around the world who took the trouble to congratulate me on receiving this honor."

The IEEE Grade of Fellow is conferred by the board of directors upon a person with an extraordinary record of accomplishments. IEEE is the world's largest technical

professional society with 365,000 members in 150 countries. The society is a leading authority on a wide variety of areas ranging from aerospace systems, computers and telecommunications, to biomedical engineering, electric power, and consumer electronics.

Weinstock, who joined AFOSR in 1986, currently manages a portfolio that focuses on materials that exhibit cooperative quantum electronic behavior, with the primary emphasis on superconductors. He also focuses on any conducting materials with surfaces that can be modified and observed through the use of scanning tunneling and related atomic-force microscopic techniques, the ultimate goal being the creation of new nano-devices and structures.

He continues to conduct his own research in electronics and electronic materials that relate to superconductivity, magnetism, and nanostructures. Originally, he began his work in superconducting magnetometry because he found it an "intriguing and important phenomenon."

Callier writes for Air Force Office of Scientific Research Public Affairs.

ARMY NEWS SERVICE (JUNE 15, 2007) **ARMY RECOGNIZES GREATEST INVENTIONS FOR 2006**

J.D. Leipold

WASHINGTON—Researchers behind the Army's top 10 greatest inventions for 2006 were recognized at a ceremony in Arlington, Va.

Now in its fifth year, the program awards new technologies that increase soldier safety and improve mission effectiveness. Three of this year's top inventions are geared toward defeating Improvised Explosive Devices, and most inventions have already been fielded to soldiers fighting the war on terror.

The top picks were chosen by soldiers from Active Army divisions and the U.S. Army Training and Doctrine Command according to three criteria: impact on Army capabilities, potential benefits outside the Army, and inventiveness.

Vice Chief of Staff of the Army Richard A. Cody praised the winners for listening to requests from soldiers in the field and acting quickly in research and development to provide solutions to problems they face in Iraq and Afghanistan.



The Humvee Crew Extraction D-ring pictured here is one of the Army's Top 10 greatest inventions for 2006. It was created by U.S. Army Aviation and Missile Research, Development and Engineering Center, Redstone Arsenal, Ala. U.S. Army photograph

"As long as this community continues to listen to the American soldier and gives you feedback ... we'll stay ahead of this enemy and we'll be successful," he said.

Gen. Benjamin S. Griffin, commanding general, Army Materiel Command, also thanked awardees for helping save the lives of soldiers.

"I thank you all for being responsive to soldiers who identified a need that you moved out on," Griffin said. "I challenge you now to be back here next year with something that again meets the needs of our people who are deployed around the world."

The Army's Greatest Inventions for 2006 are:
Blow Torch Counter Improvised Explosive Device System, U.S. Army Research Laboratory, Aberdeen Proving Ground, Md. This vehicle-mounted system detonates IEDs at safe stand-off distances, minimizing vehicle damage and soldier injuries. "It's fairly easy to operate, and it gives a sense of security to the soldiers when they're on convoy duty," said Maj. Brian Hackenberg, who helped develop the system.

Integrated Robotic Explosive Detection System, U.S. Army Aviation and Missile Research, Development and Engineering Center, Redstone Arsenal, Ala. Capable of crossing rugged terrain, this remotely operated system incorporates an explosive trace detector onto a robotic platform.

Plastic Shaped Charge Assembly for Remote Destruction of Buried IEDs, U.S. Army Armament Research, Development and Engineering Center, Picatinny Arsenal, N.J. Remotely emplaced, the PSCA destroys known or suspected unexploded ordnance with higher accuracy than similar devices currently in use. Its low-fragmentation plastic housing eliminates collateral damage.

Humvee Crew Extraction D-ring, U.S. Army Aviation and Missile Research, Development and Engineering Center, Redstone Arsenal, Ala. Combat locks on the up-armored Humvee provide security for soldiers but often get so damaged that the doors can't be opened. The D-ring provides solid anchor points for the hooks of a tow strap, chain, or cable to pull open damaged doors. "There was an issue of soldiers getting trapped inside Humvees that had been damaged for whatever reason ... enemy fire or being flipped. Soldiers had problems getting the doors off these up-armored Humvees, so we took their advice and created the D-ring," said Wesley D. Patterson, who is part of a Fast Assistance in Sciences Team that deploys to help soldiers solve problems that can be resolved within six months.

M1114 Humvee Interim Fragment Kit 5, U.S. Army Research Laboratory, Aberdeen Proving Ground, Md. This kit was fielded as a ballistic improvement for the M1114 Humvee in April 2006. A prototype door solution with fabrication and mounting instructions was provided within one week with automotive testing and safety certification.

Remote Urban Monitoring System, U.S. Army Communications-Electronics Research, Development and Engineering Center, Fort Belvoir, Va. RUMS hardware combines emerging technologies in Wireless Local Area Network technology, night-vision cameras, and unattended ground sensors to eliminate false alarms. Tripped sensors transmit an alarm signal to the camera module and operator after video and audio from multiple camera modules confirm the unattended ground sensor's alarm signal.



Constant Hawk, U.S. Army Research Laboratory, Aberdeen Proving Ground, Md. Constant Hawk is a surveillance capability that uses an electro-optic payload to collect intelligence and identify areas that require increased surveillance by other assets.

OmniSense Unattended Ground Sensor System, U.S. Army Research Laboratory, Aberdeen Proving Ground, Md. OmniSense is an unattended ground sensor system used to detect and classify personnel and vehicles in perimeter defense.

EM113A2 Rapid Entry Vehicle, U.S. Army Armament Research, Development and Engineering Center, Picatinny, N.J. The REV provides rapid entry, nonlethal crowd control and rescue-squad insertion capabilities into areas requiring non-lethal intervention. The vehicle increases soldier survivability through improved situational awareness and the ability to move and fire from within an armored vehicle.

BuckEye System, U.S. Army Engineer Research and Development Center, Vicksburg, Miss. BuckEye uses a digital camera to produce geospatial information for intelligence, surveillance, and reconnaissance. It also produces high-resolution 3D urban mapping. Chief Warrant Officer 4 Michael Harper said the BuckEye System has been instrumental in allowing a maneuver commander to rapidly map battlespace through high-resolution imagery and to collect elevation data to give a 3D view. "What it gives to soldiers is added situational awareness they need to fight in an urban terrain," he said. "Buck-

Eye has essentially mapped almost every major city in Iraq thus far."

AIR FORCE PRINT NEWS (JUNE 11, 2007) **F-22 RAPTOR TEAM GARNERS COLLIER TROPHY**

WASHINGTON—The National Aeronautic Association presented its Robert J. Collier Trophy to the Lockheed Martin Corporation for their role in the development of the Air Force's F-22 Raptor.

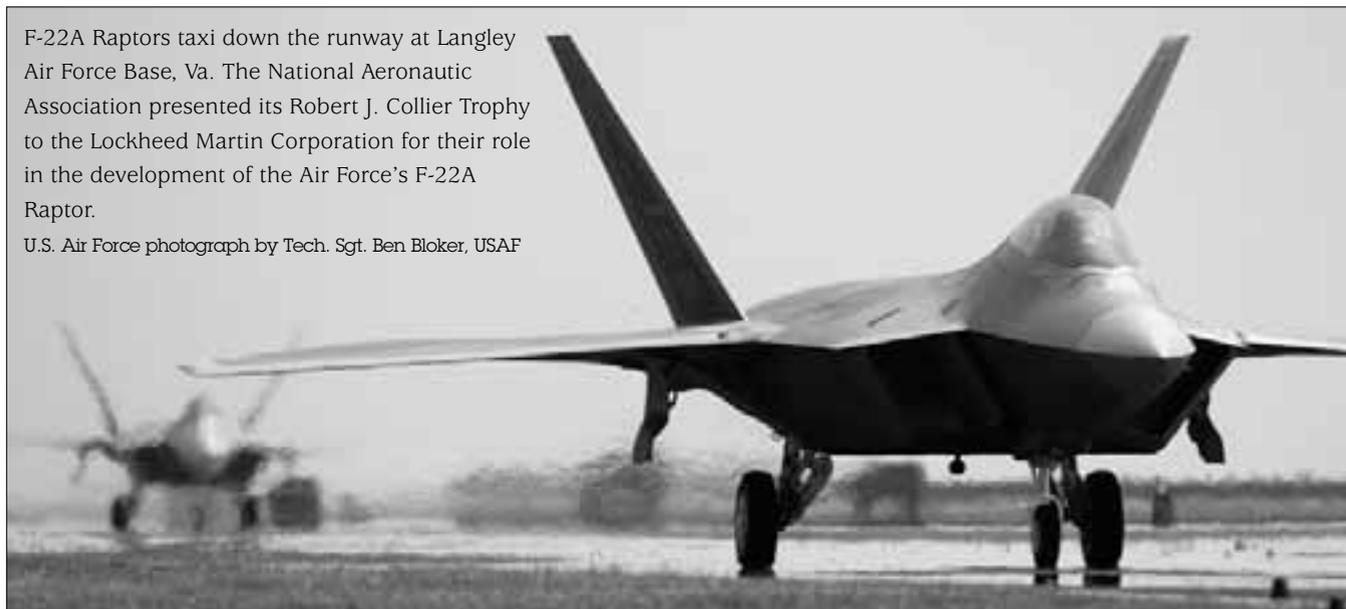
The Air Force was part of the team awarded the honor, one of the nation's most prestigious prizes for aeronautical and space development.

"The F-22 has been a success story for the warfighter and industry from its inception," said Secretary of the Air Force Michael W. Wynne. "The Raptor has pushed limits in terms of performance, safety, readiness, and most importantly, its warfighting prowess. Just by having this weapons system in our inventory we provide the nation sovereign options."

The award submission focused heavily on the F-22's performance during the 2006 Northern Edge exercise where Raptors flew 97 percent of their assigned training sorties, F-22 pilots scored an "unheard of" 80-to-1 kill ratio against their opponents, scored direct hits with 100 percent of their 1,000-pound GBU-32 joint direct attack munition air-to-ground weapons, and increased overall sit-

F-22A Raptors taxi down the runway at Langley Air Force Base, Va. The National Aeronautic Association presented its Robert J. Collier Trophy to the Lockheed Martin Corporation for their role in the development of the Air Force's F-22A Raptor.

U.S. Air Force photograph by Tech. Sgt. Ben Bloker, USAF





ational awareness for their entire team through the F-22's integrated avionics package.

"The Collier award is not only a tremendous honor for the entire F-22 team, but also a wonderful tribute to the visionaries who conceived the Raptor and the warfighters who fly and support this revolutionary aircraft every day," said Larry Lawson, executive vice president and F-22 program general manager. "What airmen did in Alaska last year is only a sign of great things to come in 2007 and beyond."

Other honored members of the Raptor team included Boeing, Pratt & Whitney, Northrop Grumman, Raytheon, BAE Systems, and some 1,000 suppliers in 42 states.

The NAA is the oldest national aviation organization in the United States dedicated to the advancement of the art, sport, and science of aviation in the U.S. The Collier Trophy was established in 1911 and is granted each year "for the greatest achievement in aeronautics or astronautics in America ... during the preceding year."

The F-22 team joins past winners of the trophy including Orville Wright, Howard Hughes, Chuck Yeager, Scott Crossfield, the crew of Apollo 11, and SpaceShipOne.

ARMY NEWS SERVICE (JUNE 13, 2007) **ARMY ENVIRONMENTAL PROGRAMS AWARDED FOR MAKING A DIFFERENCE**

Kristin Miller

WASHINGTON—Fort Hood, Texas; Fort Rucker, Ala.; and Department of the Army were awarded for contributions to the environment at yesterday's 2007 White House Closing the Circle Awards ceremony.

"Acceptance of these prestigious awards confirms that Army sustainability is on the move and gaining momentum. We're building green, buying green, and going green," said Tad Davis, deputy assistant secretary of the Army for Environmental, Safety and Occupational Health. "I'm confident this recognition will spark others to action."

Department of the Army received the "Sowing the Seeds" award for its leadership in setting a future vision with the Army's "Strategy for the Environment." The strategy outlines the Army's vision for the next 20 years and how its goals will impact the Army's mission, the environment, and local communities. It transitions the Army's compliance-based environmental program to a mission-

oriented approach based on the principles of sustainability.

Fort Hood's Solid Waste and Recycle Team received a pollution-prevention award for its "Every Waste a Reuse Opportunity" program. Environmental experts there trained more than 11,000 community members on recycling and environmental awareness. Fort Hood also developed partnerships with local, state, federal, and private organizations to aid their environmental mission.

The post saved more than \$2.5 million in 2006 through its Qualified Recycling Program, compost recycle program, inert material management, deconstruction management, special waste management, and the electronics waste recycling program.

"This award represents the hard work and dedication by Fort Hood's environmental team to supporting the mission, serving the soldier, and protecting the environment," said Col. Tori Bruzese, Fort Hood garrison commander. "This installation award reflects the passion that Fort Hood employees have in keeping Fort Hood 'The Great Place.'"

Fort Rucker's Aviation Center Logistics Command received an honorable mention for recycling. The command created a pilot program with local industrial laundry to recycle absorbents used to wipe aircraft engines. The absorbents were previously discarded as hazardous waste after one use due to the presence of a toxic metal called cadmium.

The program successfully eliminated hazardous waste while also reducing aircraft cleaning costs. The absorbent material can now be reused as many as 10 times before being discarded, creating an estimated cost savings of about \$500,000 a year.

"This new process truly allowed greening of the current government practices through waste prevention," said Robert Hill, deputy commander, Aviation and Missile Command, ACLC.

The White House Closing the Circle Award program is an annual award program sponsored by the Office of the Federal Environmental Executive. In its 13th year, the program focuses on the practices of sustainable building, waste prevention and recycling, green purchasing, and electronics stewardship.

Miller writes for the U.S. Army Environmental Command.