



Acquisition & Logistics Excellence

AIR FORCE RESEARCH LABORATORY
(APRIL 21, 2006)

AIRCRAFT INFRARED COUNTERMEASURES PROGRAM EARNS AWARD

René Boston

WRIGHT-PATTERSON AIR FORCE BASE, Ohio—The Large Aircraft Infrared Countermeasures program was selected as co-winner of the 2005 Defense Manufacturing Technology Achievement Award. The award was presented at the 2005 Defense Manufacturing Conference to the team behind the project, including Team Leader and Project Engineer Raymond J. Linville.

This award recognizes the hard work and dedication of the Manufacturing Technology engineers of the Air Force Research Laboratory's Materials and Manufacturing Directorate, along with the Mobility System Wing and the support contractors involved from Northrop Grumman Corporation.

The Manufacturing Technology effort resulted in significant cost, production rate, and reliability improvements that will be vital in protecting large aircraft from terrorist threat.

The Defense Manufacturing Technology Achievement Award, approved by the Joint Defense Manufacturing Technology Panel and presented by Sue C. Payton, deputy under secretary of defense (advanced systems and concepts), is the second award given for this effort.

In 2003, Linville was awarded the prestigious Air Force Science and Engineering Award in the Manufacturing Category, approved by former Air Force Chief Scientist Dr. Alexander H. Levis, for his work in personally defining, leading, and managing programs in support of Laser Eye Protection and the Viper(TM) Laser, one of the primary components on the countermeasures system.

The countermeasures system is designed to protect C-17s, C-130s, and other large aircraft from infrared-guided surface-to-air missile threats by automatically detecting a missile launch, determining if it is a threat, and activating a high-intensity directed laser beam countermeasure system to track and defeat the threat.

Large, slow aircraft with high signatures flying at low altitudes are prime targets for man-portable air defense

missiles and need the protection Large Aircraft Infrared Countermeasures systems provide.

The Viper Laser provides energy on target to jam threat missiles. Manufacturing Technology and Northrop Grumman Corporation representatives believed costs could be reduced for the Viper by addressing manufacturing, maintainability, reliability, supportability, and availability issues.

The insertion of Lean practices and principles increased yield and reduced touch labor costs, and design changes were made that reduced deficiencies and the number of assembly and adjustment steps for the electronic and optical components.

Finding more suppliers for high-value electronics, optics, and other materials created more competition and drove the cost down by substituting standardized components for the specialized ones.

Significant cost saving procedures implemented in the manufacture and assembly of the Viper Laser decreased the countermeasures system's acquisition cost per C-17 by about 30 percent.

Additional reliability and repair improvements resulted in less down time of the countermeasure system protected aircraft and an estimated \$1.2 million to \$1.8 million reduction in total ownership cost per aircraft.

Manufacturing improvements introduced by the effort during the first two years of the program allowed Northrop Grumman Corporation to dramatically improve the production yield, which increased the production rate of Viper Lasers from two per month to 15-20 per month.

Design improvements resulted in a 30 percent to 50 percent increased input/output laser power efficiency, which increased energy output, threat missile jamming capability, mean time between failure, and aircraft survivability.

The reduction in acquisition cost makes it financially feasible to acquire more countermeasures systems and protect more aircraft.

The benefit to the warfighter was almost immediate. Since the project allowed the contractor to ramp up pro-



duction more quickly, installation schedules were accelerated by one year, enough time to allow Large Aircraft Infrared Countermeasures systems to protect C-17s and C-130s during Operation Iraqi Freedom.

If just one aircraft has been protected from a threat missile just one time because of this project, the return on the investment is immeasurable.

This effort will continue with improvements to the mini-pointer tracker turret, another major component of the countermeasures system. The turret tracks the target and directs the laser beam in the proper direction.

Large Aircraft Infrared Countermeasures system units are already in operation on several aircraft and will soon be installed on more than 20 different fixed and rotary wing platforms across U.S. military services and several allied countries.

The Department of Homeland Security is investing over \$45 million to evaluate a counter man-portable air defense system based on the Viper(tm) Laser and mini-pointer tracker turret for use on U.S. civilian airliners.

Each of these installations will benefit from the system and production improvements implemented under this Manufacturing Technology effort.

Boston is with the Air Force Research Laboratory, Materials and Manufacturing Directorate Public Affairs.

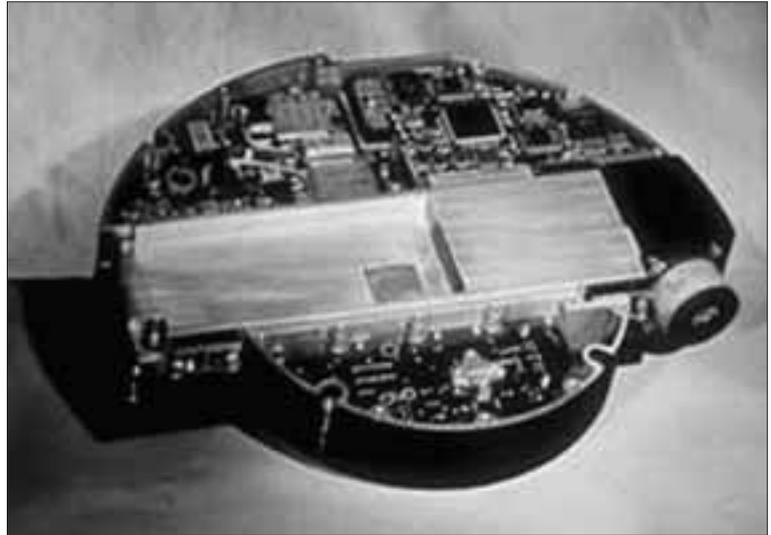
AMERICAN FORCES PRESS SERVICE (MAY 5, 2006) INSTALLATIONS HONORED FOR EXCELLENCE

Sgt. Sara Wood, USA

WASHINGTON—Five military installations were honored here today for their effective business management, support, and operational practices.

An installation from each Service and the Defense Logistics Agency received the Commander in Chief's Annual Award for Installation Excellence in a Pentagon ceremony. Receiving the award were:

- Fort Stewart and Hunter Army Airfield, Hinesville, Ga.
- Marine Corps Air Station Yuma, Yuma, Ariz.



The Viper(tm) Laser is one of the primary components on the Large Aircraft Infrared Countermeasures program, which was selected as co-winner of the 2005 Defense Manufacturing Technology Achievement Award. U.S. Air Force photograph.

- Naval Air Station Whidbey Island, Oak Harbor, Wash.
- Ramstein Air Base, Germany
- Defense Distribution Depot Susquehanna, New Cumberland, Pa.

The award winners are the Defense Department's leaders in creative management and stewardship of installations, and their actions maximize DoD's ability to have forces available anywhere, anytime, Ken Krieg, under secretary of defense for acquisition, technology and logistics, said at the ceremony.

"Today's honorees have demonstrated their commitment to a strong America by using their unique talents to improve the business of military installations," Krieg said. "Our military is founded upon good people, and we have many of those people represented here today."

Fort Stewart and Hunter Army Airfield is a major hub for Army force projection and is home of the 3rd Infantry Division. The installation has provided training technologies and resources to enhance readiness and increase combat effectiveness of its units, according to the award citation. The installation has also maintained a world-class platform to support mobilization, deployment and redeployment of forces while offering the highest possible quality of life for soldiers, families, retirees, and civilian employees, the citation read.



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Marine Corps Air Station Yuma is the busiest airfield within the Department of the Navy. It is the only joint-use airfield in the Marine Corps, providing air traffic control, security and aircraft rescue, and firefighting services as well as maintaining runways and taxiways for itself and the Yuma International Airport.

The air station was recognized for its superior performance by doing the best job within assigned resources and accomplishing its mission while concentrating on innovative management practices, according to the award citation. The air station has been recognized many times for energy conservation, environmental management, public affairs, family support, and quality of life initiatives, the citation read.

Naval Air Station Whidbey Island was recognized for creating a "one stop resource" and community planning liaison office for quality of life and customer service, according to the award citation. The installation also has an outstanding wetland restoration program and provides services to the local communities through outreach and charity work, the citation stated.

Ramstein Air Base is the largest American community outside the continental United States. The base distinguished itself by significantly improving the productivity, mission processes, environment, and quality of life on the installation while executing its wartime and humanitarian missions throughout the world, according to the award citation. Ramstein Air Base has deployed almost 100,000 U.S. and coalition servicemembers on more than 2,100 combat, security, and humanitarian missions on three continents.

Defense Distribution Depot Susquehanna consolidates material from U.S. facilities into containers and pallets for overseas shipments. The depot supports the fielding of new weapons systems for the Army through the assembly of repair parts, tools, and technical manuals, and manages the Navy's publications and forms mission.

The depot's environmental program has been highly lauded, and its safety program is leading all defense distribution centers with its recently introduced Voluntary Protection Program, according to the award citation. The depot also has an active child and youth center, and completes the child abuse and risk assessment tool on a yearly basis, exceeding the standard requirement.

Installation management is more important now than it ever has been, as DoD transforms to better meet the

threats of the 21st century, Krieg said. Installations are crucial to this transformation because they provide a place to train, maintain, equip, and house forces, he said. Today's honorees are at the front of the military's transformation, and have mastered the complex business of installation management, he said.

"Their exemplary efforts to meet the challenges in a time of war are indeed commendable," he said.

The Commander in Chief's Annual Award for Installation Excellence was established in 1985 by President Reagan. Each Service and the Defense Logistics Agency identify an installation where the command has done the best job sustaining the mission, increasing productivity of the workforce, and enhancing quality of life for all who live and work at the installation.

AIR LOGISTICS CENTER (MAY 5, 2006) FRANZ EDELMAN AWARD RECOGNIZES STREAMLINING EFFORTS

John Birdsong

ROBINS AIR FORCE BASE, Ga.—The Institute for Operations Research and the Management Sciences announced May 1 that Warner Robins Air Logistics Center has won the 2006 Franz Edelman Award for Achievement in operations research for its entry "Streamlining Aircraft Repair and Overhaul at Warner Robins Air Logistics Center."

The culmination of a rigorous competition referred to as the "Super Bowl of Operations Research," the Franz Edelman Award brings together the very best examples of innovation in the discipline from large and small, for-profit and nonprofit, corporate and governmental organizations around the world.

Past winners in the 35-year history of the Franz Edelman competition have included GM, Motorola, Continental Airlines, the New Haven Health Department, and the City of San Francisco Police Department.

The 2006 Franz Edelman Award winning entry, "Streamlining Aircraft Repair and Overhaul at Warner Robins Air Logistics Center," was presented by Ken Percell and Bill Best of Warner Robins Air Logistics Center, Prof. Mandyam Srinivasan of the University of Tennessee, College of Business Administration, and Sridharan Chandrasekaran, vice president of strategic services for software provider Realization Technologies, Inc.



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The winning entry discussed how Warner Robins Air Logistics Center used Operations Research in 2005 to arrive at a radically different approach to manage the repair and overhaul activity on its C-5 transport aircraft.

The air logistics center used an operations research technique called "Critical Chain" to reduce the number of C-5 aircraft undergoing repair and overhaul in the depot from 13 to seven in just eight months.

The time required to repair and overhaul the C-5 aircraft was reduced by 33 percent. The five additional aircraft now in operation have generated immediate additional revenue of at least \$49.8 million per year. The replacement value for these aircraft is estimated at \$2.37 billion.

The additional workload the center is accommodating will bring in additional revenue of \$119 million through 2008, with this number projected to increase to \$248 million by 2009.

In accepting the award, Ken Percell, the executive director and senior civilian at Warner Robins Air Logistics Center stated, "Warner Robins is extremely pleased to receive the Franz Edelman Award for our work on reducing flow days for the C-5 aircraft line.

"The results underscore the gains that a proper application of these tools can offer to the Air Force," he said. "This accomplishment should reinvigorate the use of Operations Research in the Air Force and across all branches of the military in general."

"To be recognized by the business and academic communities for improvements we've made at this center, especially with aircraft maintenance operations, is quite an honor," said Bill Best, deputy director of the 402nd Aircraft Maintenance Support Group.

"This is what happens when the most capable people use the most innovative and advanced tools for this highly complex operation," he noted.

Critical Chain Project Management is a means of using resources in the most expeditious way possible. The adoption of this management tool has allowed major reductions in flow days. It makes use of the Concerto computer software, which gives a visual depiction of the aircraft, tasks, and status. The lists of tasks are color coded as to urgency, alerting maintainers to the most important things to do.

"On behalf of the entire C-5 enterprise, we are thrilled to win the 2006 Franz Edelman Award for Achievement in Operations Research and the Management Sciences," said Col. David Holcomb, C-5 system program manager. "The use of critical chain project management to reduce the time required for depot maintenance is a key element of our plan to increase aircraft availability," he noted.

"The 402nd Maintenance Wing at Warner Robins has executed Critical Chain Project Management brilliantly, resulting in additional C-5 aircraft available to accomplish our Rapid Global Mobility mission," Holcomb said.

"This initiative has provided our Mobility Air Forces with five additional aircraft to provide intertheater airlift support to our troops around the world," he emphasized. "The team's outstanding contribution to our nation's security warrants this prestigious award."

The other finalists were Animal Health Institute and Cox Associates; The U.S. Commercial Aviation Partnership, comprising Airports Council International-North America, Air Transport Association, Department of Homeland Security, Department of Transportation, The Boeing Company, and the Transportation Security Administration; Omya Hustadmarmor and More Research/ Molde University College, and Travelocity and Sabre Holdings.

The Institute for Operations Research and the Management Sciences is an international scientific society with 10,000 members, including Nobel Prize laureates, dedicated to applying scientific methods to help improve decision-making, management, and operations.

Institute members work in business, government, and academia. They are represented in fields as diverse as airlines, health care, law enforcement, the military, financial engineering, and telecommunications.

Birdsong is with Warner Robins Air Logistics Center Public Affairs.

NAVAL SEA SYSTEMS COMMAND OFFICE OF CORPORATE COMMUNICATIONS (MAY 6, 2006) NAVSEA NAVAL OFFICER RECOGNIZED FOR EXCELLENCE

WASHINGTON—Lt. Cmdr. Kristin Acquavella was presented the Meritorious Service Medal by Vice Adm. Paul E. Sullivan, commander, Naval Sea Systems Command (NAVSEA), and also hon-



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ored with the Elmer Staats Young Acquisition Professional Excellence Award by retired Army Gen. William G. Tuttle Jr., chairman of the Procurement Roundtable (PRT), April 24 at the NAVSEA Management Information Center.

Acquavella received the recognition for her outstanding meritorious service to the Navy and for her outstanding performance as a submarine contracting officer at NAVSEA and at the Multinational Force Iraq (MNFI) Headquarters in Baghdad.

"Lt. Cmdr. Acquavella's exceptional competence, leadership, and determination are an inspiration to the members of the acquisition workforce," said Sullivan.

Acquavella is also the first Navy Department recipient and the first military officer to be awarded the PRT's Elmer B. Staats Young Acquisition Professional Excellence Award.

"This is the first time any military officer or Navy department official has received this prestigious award, and we are immensely proud of Lt. Cmdr. Acquavella," said Capt. Richard Sweeney, NAVSEA deputy commander for contracts (NAVSEA 02). "She is one of the finest naval officers I have ever known."

The Elmer B. Staats award, named for the former PRT chairman and former U.S. comptroller general, annually recognizes a junior federal acquisition professional who has contributed significantly to acquisition operations or acquisition policy. The recipient receives a plaque and a \$5,000 monetary award.

Acquavella's nomination and award were based on two significant accomplishments. First, she volunteered to fill a six-month contingency contracting assignment as chief of MNFI's Baghdad contracting office. While in Iraq, she awarded 1,300 contracts valued at \$165 million in support of 60,000 coalition forces. She performed her duties while being constantly exposed to hostile rocket and mortar attacks.

Second, as the procuring contracting officer for the NAVSEA "Submarine Factory," she provided significant savings to the government through her management of the contracts for the repairs and overhaul of submarines. She awarded the first competitively-bid depot maintenance period contract valued at \$174 million and two major submarine overhauls valued at \$82.8 million. She became the driving force behind a decision not to award

a sole-source submarine overhaul contract to a private shipyard, shifting the availability to a public shipyard and saving the Navy more than \$60 million.

For related news, visit the Naval Sea Systems Command Navy NewsStand Web site at <<http://www.news.navy.mil/local/navsea>>.

"The results underscore the gains that a proper application of [Critical Chain Project Management] can offer to the Air Force. This accomplishment should reinvigorate the use of Operations Research in the Air Force and across all branches of the military in general."

—Ken Percell
Executive Director
Warner Robins Air Logistics Center

ARMY NEWS SERVICE (MAY 25, 2006) ANNUAL CLEA: ARMY RECOGNIZES LOGISTICS EXCELLENCE

J.D. Leipold

WASHINGTON—More than 500 soldiers, their families, and civilians gathered here to be recognized by the Department of Army and the National Defense Industrial Association for their excellence in all aspects of Army deployment, maintenance, and supply logistics in what is known as the Chief of Staff, Army Combined Logistics Excellence Awards or CLEAs.

This marked the second consecutive year the three logistics excellence awards programs were combined into a single recognition ceremony, which covers the active duty Army, Army Reserve, and Army National Guard.

Some 76 units from Korea, Japan, Germany, Italy, Puerto Rico, Guam, and in 30 of the 50 United States were selected as winners or runners-up ranging in size from large to small units.

Guest speaker and Deputy Chief of Staff, G-4, Lt. Gen. Ann E. Dunwoody who also presented the awards praised all the participants noting that commands had taken on



the challenges of the award guidelines despite fighting the global war on terrorism, despite the realignment of bases, the resetting and retrograding of equipment, and instituting Lean Six Sigma.

"This is really a treat for me ... many of you have heard me say the three things I enjoy doing most are re-enlisting good soldiers, promoting individuals based on demonstrated potential, and rewarding folks for meritorious and outstanding performance," she said. "Today, we get to recognize the best of the best logisticians in our Army so I'm truly honored to be here."

View a complete list of the 2006 winners at http://www4.army.mil/ocpa/read.php?story_id_key=9066.

MEDICAL COMMUNICATIONS FOR COMBAT CASUALTY CARE (MC4) PUBLIC AFFAIRS (MAY 25, 2006) **ARMY LEADER EARNS 2006 ARTHUR S. FLEMING AWARD**

Ray Steen

FORT DETRICK, Md.—U.S. Army Maj. Wilson A. Ariza, assistant product manager, Medical Communications for Combat Casualty Care (MC4), was selected by the George Washington University and the Arthur S. Flemming Awards Commission to join 11 others in receiving the prestigious 2006 Flemming Award. The awards are given each year to outstanding federal employees and are recognized by the president of the United States.

Ariza has played a critical role in helping to achieve presidential and congressional mandates by providing systems that enable a comprehensive, lifelong medical record for all servicemembers. At the MC4 Product Management Office (PMO), Ariza led the initial planning, development, and deployment of MC4 systems into the combat zone supporting Operation Iraqi Freedom. To date, MC4 PMO has deployed more than 12,000 systems to over 250 deployed medical units throughout Iraq, Kuwait, Qatar, and Afghanistan.

Ariza has twice been recognized by the Army Medical Department (AMEDD) for his role in advancing medical information technology in the battlefield. In 2002, the AMEDD named Ariza Officer of the Year for his leadership at Fort Hood, Texas, where he helped automate healthcare information for medical, dental, and veterinary programs. In 2005, Ariza helped MC4 PMO win the

AMEDD Information Management/Information Technology Team of the Year award.

The Arthur S. Flemming Awards were established in 1948 in honor of Arthur Flemming's commitment to public service throughout his distinguished career, which spanned seven decades and 11 presidencies. Past winners include such luminaries as Neil Armstrong, Elizabeth Dole, and Daniel Patrick Moynihan. Ariza received the award on June 13, 2006, at the annual Flemming Awards ceremony in Washington, D.C.

Headquartered at Fort Detrick, Md., MC4 develops, fields, and supports a medical information management system for Army tactical medical forces, enabling a comprehensive, lifelong electronic medical record for all servicemembers, and enhancing medical situational awareness for operational commanders.

Steen is with MC4 Public Affairs at Fort Detrick, Md.

DEPARTMENT OF DEFENSE NEWS RELEASE (MAY 25, 2006) **GRANTS TO ACCELERATE RESEARCH EFFORTS**

Erin Crawley

ARLINGTON, Va.—The Air Force Office of Scientific Research has awarded two Department of Defense Multidisciplinary University Research Initiative program grants to Arizona State University, totaling about \$9 million, potentially, over the next five years. The university is one of eight to receive more than one research award.

The Multidisciplinary University Research Initiative program is a multi-agency Defense Department program that supports research teams whose efforts intersect more than one traditional science and engineering discipline.

Multidisciplinary team efforts can accelerate research progress in areas particularly suited to this approach by cross-fertilization of ideas, hasten the transition of basic research findings to practical applications, and can help to train students in science and/or engineering in areas of importance to the Defense Department.

Air Force Capt. Clark Allred, program manager in the Aerospace and Materials Directorate at Air Force Office of Scientific Research, believes the Multidisciplinary University Research Initiative program is a wonderful way



to pump a lot of money into research areas of key importance to the Air Force.

“Multidisciplinary University Research Initiatives are important because they can give a program a critical mass by way of a large chunk of money that is given all at once,” said Allred.

At Arizona State University, the research grant money will support basic research efforts at the Ira A. Fulton School of Engineering and at the College of Liberal Arts and Sciences.

The Fulton school team will use a maximum of \$6 million from the Multidisciplinary University Research Initiative funds to conduct a major aerospace research project to support development work in advanced sensor systems for aircraft.

Their goal is to establish a sensor system that can better assess the structural health of aircraft.

Meanwhile, a team of faculty and graduate students from the College of Liberal Arts and Sciences could receive as much as \$2.6 million to develop cost-saving lasers using a new breed of silicon-based semiconductors.

Professor of mechanical and aerospace engineering at the Fulton School Aditi Chattopadhyay is the principal investigator on the aerospace project. Her team plans to improve the accuracy of risk assessment and aircraft life-span estimates.

By doing so, Chattopadhyay hopes to save the Air Force money in the long run by reducing operation and maintenance costs of the current Air Force fleet.

The fusion of science and vision is what makes the Air Force Office of Scientific Research mission so crucial to the future success of the Air Force.

Air Force Col. Jeff Turcotte, deputy director of Air Force Office of Scientific Research, said the Multidisciplinary University Research Initiative supported aerospace research at Arizona State University complements the Air Force Office of Scientific Research mission.

“Robust and reliable health monitoring of aircraft concepts are key to reducing future fleet maintenance costs and timelines,” said Turcotte. “We have a long way to go before realizing these benefits, but we believe this team

at Arizona State University can start us off on a long stride.”

The laser project team will use some breakthrough silicon materials discovered by a former Arizona State University chemistry graduate student, to continue years of collaboration and to put several recent discoveries into practice.

Principal Investigator and Arizona State University physics professor Jose Menendez believes this funded research will lead to the development of very cost-effective, high-performance infrared lasers with widespread military and commercial applications for sensing and communications.

Crawley is with Air Force Office of Scientific Research Public Affairs.

DEPARTMENT OF DEFENSE NEWS RELEASE (MAY 31, 2006) STANDARDIZATION PROGRAM PRESENTS ANNUAL ACHIEVEMENT AWARDS

Two individuals and three teams have received awards from the Defense Standardization Program Office (DSPO) for outstanding contributions to the Department of Defense last fiscal year. The awards were presented on May 23, during a ceremony in Arlington, Va.

Since 1987, DSPO has recognized individuals and organizations that have effected significant improvements in quality, reliability, readiness, cost reduction, and interoperability through standardization. The mission is to identify, influence, develop, manage, and provide access to standardization processes, products, and services for warfighters and the acquisition and logistics communities. In addition, the program promotes interoperability and assists in reducing total ownership costs and in sustaining readiness.

Following are the Defense Standardization Program recipients for 2005:

Individuals

- Dr. Jose-Luis Sagripanti, U.S. Army's Edgewood Chemical Biological Center laboratory, developed a quantitative three-step method for determining the sporadic efficacy of liquids, liquid sprays, and vapor or gases on contaminated carrier surfaces. This method addresses the long-standing need for a proven test method to assess products and procedures used for deconta-



mination and disinfection (DECON) and provides a standardized and validated test to ensure that the military services select DECON products and practices, affording adequate protection to their personnel.

- Andreas Pappas, Defense Information Systems Agency, led an effort on UHF SATCOM waveform standards and technology insertion to mitigate the tactical satellite shortfall. Efforts were initiated to provide systems enhancements that will more than double the present UHF SATCOM systems capacity. Implementing integrated wavelength standards into deployed software-programmable radios will provide tremendous operational and economic benefits for the warfighter.

Teams

- The Navy's Virginia Class Submarine Program team (PMS450) achieved tremendous savings by turning to standardization initiatives to help reduce overall acquisition and operation and maintenance costs of the program. The use of standardization succeeded in minimizing the program's overall logistics footprint, as well as reducing the class parts library. By investing \$27 million in parts standardization, the projected cost avoidance over the life of the Virginia Class program is estimated to be approximately \$789 million. Members are David Restifo, James Conklin, and Jimmy Smith.
- The Navy's Aircraft Wiring Support Equipment Commodity Program team developed the Aircraft Wiring Information System. This comprehensive database allows the standardization of repair tooling, specifications, and processes across all Navy and Marine Corps aircraft. The team's standardization efforts have reduced the proliferation of tools and support equipment and realized a total cost avoidance of \$15.9 million. Members are Gail Edwards, William Peck, Leah Boise, Robert Petrie, and Benjamin Yearwood.
- The Air Force's Community Sensor Model (CSM) Program Team developed a CSM Interface that eliminated proprietary, technical, and political barriers across all DoD reconnaissance systems. As a result of this work, the CSM interface became an emerging standard through the DoD IT Standards Registry Technical Working Group. With more than 21 models created and four more in development, armed forces operators will be able to measure target quality coordinates at one-third the cost of previous systems. Members are Air Force Capt. Ricardo Garcia, and Lea Gordon.

Additional information on the Defense Standardization Program, this year's awardees, and their accomplishments may be obtained by visiting the DSP Web site at <http://www.dsp.dla.mil/awards.htm>.

DEPARTMENT OF DEFENSE NEWS RELEASE (JUNE 15, 2006) DEFENSE DEPARTMENT PRESENTS VALUE ENGINEERING ACHIEVEMENT AWARDS

Under Secretary of Defense for Acquisition, Technology and Logistics Ken Krieg presented the annual Department of Defense Value Engineering Achievement Awards during a ceremony at the Pentagon June 15.

Value Engineering is a systematic process of function analysis to identify actions that reduce cost, increase quality, and improve mission capabilities across the entire spectrum of DoD systems, processes, and organizations. The Department of Defense Value Engineering Program continues to be an incentive for government and our 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. During fiscal 2005, 3,047 in-house Value Engineering Proposals and contractor-initiated Value Engineering Change Proposals were accepted with projected savings/cost avoidance in excess of \$924 million.

The Value Engineering Awards Program is a highly visible acknowledgment of exemplary achievements 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: (1) program/project, (2) individual, (3) team, (4) organization, and (5) contractor. Additional "special" awards were given to recognize innovative applications or approaches that expanded the traditional scope of value engineering use.

Today's awards were presented to the following individuals or teams in the categories noted:

ARMY

- **Program/Project:** Savannah and Mobile Districts, U.S. Army Corps of Engineers
- **Individual:** Hargovindbhai Patel, U.S. Army Tank-automotive & Armaments Life Cycle Management Command



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- **Team:** C4ISR Value Engineering Team, U.S. Army Communications–Electronics Life Cycle Management Command
- **Organization:** U. S. Army Field Support Command
- **Contractor:** Stewart & Stevenson Services, Inc.
- **Special:** U.S. Army Armament Research, Development and Engineering Center
- **Special:** Marmet Lock Replacement Project Team, U.S. Army Corps of Engineers Huntington District

NAVY

- **Program/Project:** Torpedo Downloader System, Naval Undersea Warfare Center Division, Newport
- **Team:** Sustainment Engineering Team Crane Division, Naval Surface Warfare Center
- **Organization:** Airborne Electronic Warfare Division Crane Division, Naval Surface Warfare Center
- **Special:** Dahlgren AEGIS Lean Events Team
- **Special:** Ordnance Engineering Department–PM 10 Crane Division, Naval Surface Warfare Center

AIR FORCE

- **Individual:** Major Raul Parra, Tyndall Air Force Base, Fla.

DEFENSE LOGISTICS AGENCY

- **Program/Project:** Clarence Jones, Hard-to-Buy Aircraft Items, Defense Supply Center Richmond
- **Individual:** Harry Sands, Defense Supply Center Philadelphia
- **Team:** Spare Parts Breakout Team, Defense Supply Center Columbus
- **Organization:** Defense Supply Center Columbus
- **Special:** DFAS Contract Payment Team

Defense Reutilization and Marketing Service

- **Special:** Aviation Engineering Division, Defense Supply Center Richmond
- **Special:** Andrew Scott, Defense Supply Center Philadelphia

MISSILE DEFENSE AGENCY

- **Program/Project:** Terminal High Altitude Area Defense Project Management Office
- **Individual:** Julie Smith, Terminal High Altitude Area Defense
- **Team:** Value Engineering Team, Huntsville and Redstone Arsenal, Ala.
- **Special:** Patricia Bourbeau, Terminal High Altitude Area Defense Project Management Office

DEFENSE CONTRACT MANAGEMENT AGENCY

- **Contractor:** Raytheon Missile Systems, Tucson, Ariz.

DEFENSE INTELLIGENCE AGENCY

- **Program:** Consolidated Application Integration
- **Team:** Community Action Group of the Chief Financial Executive General Defense Intelligence Program

NAVY NEWSSTAND (JUNE 19, 2006) NAVFAC EARNS 2006 WHITE HOUSE CLOSING THE CIRCLE AWARDS

Senior Chief Journalist Regina Adams

WASHINGTON—Naval Facilities Engineering Command (NAVFAC) was awarded two White House Closing the Circle Awards for outstanding environmental achievements at Naval Station Great Lakes, Ill., and Naval Base Ventura County, Port Hueneme, Calif., during a White House ceremony June 12.

The White House Closing the Circle Awards recognize outstanding achievements of federal employees and facilities that are significant contributions to, or have a positive impact on, the environment.

“Sustainable environmental performance has become an integral part of how we do business in the federal government,” said Ed Pinero, federal environmental executive. “These award-winning programs and individuals truly exemplify how our management and operations can be made more sustainable through enhanced environmental stewardship.”

Naval Station Great Lakes was given the award for Alternative Fuel Use and Fuel Conservation in Transportation in the military, for its use of biodiesel. Biodiesel is a cleaner burning alternative fuel and has become America’s fastest growing alternative fuel, according to the Department of Energy.

“We’re thrilled to see the use of biodiesel within the federal government continuing to grow and its users recognized with this important award,” said Joe Jobe, chief executive officer of the National Biodiesel Board. “These [vehicle] fleets are important models to their peers, as well as the nation at large. They are leaders in the government’s efforts to protect the environment, as well as executing President Bush’s goal of reducing dependence on foreign oil by 75 percent by 2025.”



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NAVFAC Southwest Public Works Department at Naval Base Ventura County won the award for Sustainable Design and Green Building in the military. The naval base's Building 850 is an "Energy Showcase" facility, demonstrating new concepts in energy efficiency and "green" building principles to both the resident staff and neighboring communities.

"We are proud of what we accomplished in this project, not only in the energy savings and sustainable design features and materials incorporated, but in the high quality workspace we provided for our people," said Thomas Carr, NAVFAC Southwest deputy public works officer.

Marine Corps Air Station Cherry Point, N.C., was given an honorable mention for Waste and Prevention in the military.

Adams is with Naval Facilities Engineering Command Public Affairs.

TENTH ANNUAL ADMIRAL STANLEY R. ARTHUR AWARDS FOR LOGISTICS EXCELLENCE

James G. Smith

The tenth annual Admiral Stanley R. Arthur Awards for Logistics Excellence were presented on June 27 at the Pentagon, Washington, D.C., by Army Lt. Gen. C. V. Christianson, director for logistics, J-4, the Joint Staff; Navy Rear Adm. Al Thompson, director, Supply, Ordnance and Logistics Operations Division, OPNAV N41; and retired Navy Adm. Stanley R. Arthur.

These special recognition awards are bestowed annually upon individuals and teams who epitomize logistics excellence. The three award categories—Military Logistician, Civilian Logistician, and Logistics Team (Operational, Acquisition, and/or Joint)—recognize Navy individuals and teams whose contributions have significantly supported the Navy mission, have promoted innovative ideas and concepts resulting in substantial and quantifiable benefits to the Navy, and have enhanced the logistics profession. Nominees may be involved in any or all phases of Navy logistics from early life cycle planning to in-service support. The 2005 award winners are:

CAPT. THOMAS C. TRAAEN, SC, USN MILITARY LOGISTICIAN OF THE YEAR

Capt. Traaen, from COMPACFLT and Naval Supply Systems Command, distinguished himself in the exceptional

performance of duties while serving as director of Fleet Supply on the staff of commander, PACFLT, and as the deputy commander for Fleet Logistics Operations at the NAVSUPSYSCOM. He was instrumental in the development and certification by the business management modernization program (BMMP) of a comprehensive logistics readiness reporting tool, used weekly to report the fleet's logistical readiness to commanders.

DR. LAMBROS P. TZEREFOSA CIVILIAN LOGISTICIAN OF THE YEAR

Dr. Tzerefosa, from the Naval Supply Systems Command, assembled and led a multi-talented team of specialists to deliver a joint operations focused system, the ordnance information system (OIS), which is the definitive logistics and inventory management transformational solution for the naval ordnance community. OIS provides maximum readiness through access, agility, adaptability, and persistent awareness and leverages the competencies of the Navy, Marine Corps, and Coast Guard through the integration of their existing ammunition management systems into a single more efficient and cost-effective system.

THE CARRIER SUPPLY DEPARTMENT BRIDGE TO THE FUTURE CROSS FUNCTIONAL TEAM OPERATIONAL LOGISTICS TEAM OF THE YEAR

The Carrier Supply Department Bridge to the Future Cross Functional Team from COMNAVAIRPAC N41 Force Supply, *USS Abraham Lincoln* (CVN 72) and *USS Nimitz* (CVN 68) Supply Departments focused on sustainable, measurable changes to afloat business practices and worked on various projects designed to improve efficiencies, effectiveness, and readiness while reducing onboard inventory and realigning personnel.

F/A-18 INTEGRATED READINESS SUPPORT TEAM (FIRST) ACQUISITION LOGISTICS TEAM OF THE YEAR

The F/A-18 FIRST, from the Naval Air Systems Command and the Naval Inventory Control Point, Philadelphia, provided an innovative performance-based logistics approach that increased the efficiency and effectiveness of the F/A-18 by uniting the responsiveness of industry with the expertise and capacity of the Navy's organic support activities. FIRST identified over \$430 million in savings and cost avoidance in supportability improvements and improved F/A-18 supply availability from 62 percent for the Hornet to 85 percent for the Super Hornet, reducing depot turnaround time and awaiting parts by 41 percent and 64 percent respectively.



NAVY EXPEDITIONARY LOGISTICS SUPPORT GROUP (NAVELSG) PORT GROUP CHARLIE REDEPLOYMENT AND LOGISTICS (RESULTS) TEAM JOINT LOGISTICS TEAM OF THE YEAR

The Port Group CHARLIE RESULTS team, Kuwait Naval Base, Kuwait, Navy Expeditionary Combat Command performed with singular distinction, serving as the vital hinge pin of the logistics process in the Central Command Theater of operations through which a vast majority of equipment and supplies flow to the fighting forces engaged in OIF. Collaborating with the U. S. Army, civilian contractors, and Kuwaiti authorities, the Port Group CHARLIE RESULTS team established a stellar reputation as the best in the business at managing all facets of maritime port cargo handling operations. Working under a highly complex Joint Service hierarchy, the RESULTS team received and staged over 50,000 pieces of rolling stock and containerized cargo for over 207,000 armed forces members from 47 Army and Marine Corps units.

The Navy's premier logistics awards are named for Adm. Stanley R. Arthur. Arthur was commissioned in June 1957. He became a naval aviator in 1958 and later completed over 500 combat missions in the A-4 Skyhawk aircraft. During his distinguished career, Arthur served on the staff of the commander in chief, U.S. Pacific Fleet, Pearl Harbor; as assistant chief of staff for Plans and Policy with additional duty as commander, Rapid Deployment Naval Forces and U.S. Naval Forces



Central Command; as commander, Carrier Group SEVEN; as director, Aviation Plans and Requirements Division (OP-50); and as director, General Planning and Programming Division (OP-80). He was selected for the rank of vice admiral in February 1988 and assumed the duties as deputy chief of Naval Operations (Logistics).

On Dec. 1, 1990, Arthur assumed duties as commander, U.S. SEVENTH Fleet and commander, U.S. Naval Forces Central Command for Operations Desert Shield/Desert Storm. He directed the operations and tactical movements of more than 96,000 Navy and Marine Corps personnel and 130 U.S. Navy and allied ships. This represented the largest U.S. naval armada amassed since World War II. Arthur assumed duties as the vice chief of Naval Operations on July 6, 1992. He retired from active military service on June 1, 1995.

Further information and photos on the Adm. Stanley R. Arthur Awards program are available at <<https://awards.navy.mil/stanarthur>>.

Smith is a supportability advocate with OPNAV (N401).

The tenth annual Admiral Stanley R. Arthur Awards for Logistics Excellence are presented on June 27 at the Pentagon, Washington, D.C., by Army Lt. Gen. C. V. Christianson, director for logistics, J-4, the Joint Staff (front row, fourth from left); and retired Navy Adm. Stanley R. Arthur (far right).

Photograph by PNC Ken Robertson, USN.

