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AIR FORCE MATERIEL COMMAND NEWS RELEASE (AUG. 1, 2008) AFMC RECEIVES \$50 MILLION FOR ENERGY PROJECTS

Michelle Eviston

WRIGHT-PATTERSON AIR FORCE BASE, Ohio—The Air Force has awarded more than \$50 million to Air Force Materiel Command to fund energy projects under Air Force Smart Operations for the 21st century.

The July announcement comes seven months after the Air Force's chief engineer put out a call for energy projects. In response, members of the AFMC communications, installations, and mission support directorate submitted 80 ideas.

"The projects are a combination of initiatives from within AFMC and those from coordination with other energy offices," explained Maj. Jack Wheeldon, AFMC infrastructure and facilities chief.

Out of the 80 project ideas, 30 were submitted for AFSO21 funding and 26 were approved. Another 26 projects were approved under fiscal 2010 Energy Program Objective Memorandum funding.

The majority of the approved AFSO21 funding will be used to buy out 15 energy savings performance contracts. An ESPC is when the Air Force contracts out a project with the intent to pay off the contractor's capital investment with that project's energy savings. However, sometimes older or lengthy contracts carry high interest rates. When the Air Force buys out these contracts, it saves money by avoiding further interest costs.

The remaining 11 AFSO21 projects are considered fast payback items, a key requirement to receive AFSO21 funds. To be considered, the ideas had to be construction projects with savings that will pay back initial investment costs in less than seven years.

The approved projects range from installing simple money-saving upgrades to the total replacement of conventional systems. For example, one project is to install infrared devices on vending machines. These devices will control the lighted fronts of the machines so they will not turn on until someone steps within their set range of motion. This project's energy savings will pay off its capital investment in a little more than two years, and then continue to save the Air Force money thereafter.

A more complex project involves replacing antiquated steam heating systems with more efficient electric heat pumps that use the natural thermal properties of the earth. This project not only consumes less energy but also avoids the associated cost of maintaining an older system.

These and the rest of the AFSO21-funded projects will begin to see savings upon the completion of their contracts and construction during fiscal year 2010.

Eviston writes for Air Force Materiel Command Public Affairs.

DEPARTMENT OF DEFENSE NEWS RELEASE (AUG. 4, 2008) 2008 MAINTENANCE AWARD WINNERS ANNOUNCED

The Department of Defense today announced the 2008 winners of the Secretary of Defense Maintenance Awards at the depot and field levels. These awards are presented annually to recognize outstanding achievements in military equipment and weapon systems maintenance.

The Robert T. Mason Depot Maintenance Excellence Award recipient is the H-1 Aircraft Production Program at the Navy's Fleet Readiness Center East, Cherry Point, N.C. The program provided exceptional and responsive aviation maintenance and logistics support to the operational forces and its many and varied warfighters/customers around the world.

The depot-level award is named in recognition of Robert T. Mason, a former assistant deputy under secretary of defense for maintenance policy, programs, and resources. Mason served as the champion of organic depot maintenance for three decades, while helping to transform DoD organic depot-level operations.

There are six field-level awards presented in the categories of large, medium, and small units (two each). The recipients of this year's Secretary of Defense Field-level Maintenance Awards are as follows:

- For the large category, the Army's 3rd Battalion, 43rd Air Defense Artillery, Fort Bliss, Texas, and the Air Force's 1st Special Operations Maintenance Group, Hurlburt Field, Fla.
- Winners in the medium category include the Navy's Fleet Readiness Center Northwest, Whidbey Island, Wash., and the Air Force's 31st Aircraft Maintenance Squadron, Aviano, Italy.

Acquisition & Logistics Excellence

- Small category winners include the Army's Bravo Company, 610th Brigade Support Battalion, Fort Riley, Kan., and the Marine Fighter Attack Squadron 312, Beaufort, S.C.

The awards will be presented to the winners at the Secretary of Defense Maintenance Awards banquet on Oct. 29, 2008, during the 2008 DoD Maintenance Symposium and Exhibition at the Hyatt Regency Hotel in Denver, Colo. Additional information regarding the 2008 DoD Maintenance Symposium and Exhibition can be found at < www.sae.org/dod > .

AIR FORCE MATERIEL COMMAND NEWS RELEASE (AUG. 18, 2008) **TEAMWORK AMONG DEPOTS KEEPS T-38S FLYING**

Brandice Armstrong

TINKER AIR FORCE BASE, Okla.—Workers from the Oklahoma City Air Logistics Center's 76th Maintenance Wing combined with Air Force Materiel Command's other two depots in a round-the-clock push to make hundreds of levers, helping Air Force officials keep the T-38 training jet flying.

The effort came on the heels of an investigation into a T-38 crash at Sheppard Air Force Base, Texas, in which two pilots were killed. Investigators discovered the T-38 aileron actuator lever, a flight control, was a contributing factor.

Ogden Air Logistics Center personnel at Hill Air Force Base, Utah—the ALC responsible for repairing the T-38—asked for help once officials determined approximately 1,600 left and right aileron actuator levers were needed immediately. Otherwise, senior Air Force officials would consider grounding the entire fleet, which is crucial for pilot training.

In late July, Ogden ALC officials asked Oklahoma City ALC personnel to manufacture 800 left levers. Ogden personnel teamed with counterparts at Warner Robins ALC, Robins Air Force Base, Ga., to manufacture the right levers.

"This effort really exemplifies how the three ALCs, by working together as a team, can rapidly respond to almost any warfighter need," said Col. Jeffrey Sick, 76th Commodities Maintenance Group commander. "This is the way of the future, and we can see it from where we sit today."

Working around the clock and on weekends, Tinker officials agreed to produce 50 left levers by Aug. 18. An ad-

ditional 50 levers will be produced weekly until the order of 800 levers is complete.

"Our folks are totally dedicated," said Herman Dave Sanchez, 552nd Commodities Maintenance Squadron Accessories Division director. "We notified them of this particular project and the urgency of it, and they all marched out and did their jobs. They executed to get the part prototyped and in production in record time."

Prior to Tinker's involvement, Ogden ALC personnel obtained aileron actuator levers from a contractor through the Defense Logistics Agency. Because of the technical compliance technical order at hand, Ogden ALC personnel would not be able to obtain the required 1,600 parts quickly enough.

Glenn Berglan, 552nd CMMXS Local Manufacturing Flight chief, said the project is an example of the work they do every day.

"It gives us the opportunity to showcase what we're about and what we can do, especially our rapid manufacturing capabilities," he said.

Armstrong writes for 72nd Air Base Wing Public Affairs.

NAVY NEWSSTAND (AUG. 22, 2008) **NSWC CRANE SAVES \$970K FOR NAVSEA SMALL ARMS OFFICE**

CRANE, Ind.—Naval Surface Warfare Center (NSWC) Crane, a Naval Sea Systems Command (NAVSEA) field activity, deployed more than 1,300 M4A1 carbine rifles to sailors worldwide this summer while saving taxpayers more than \$970,000.

The cost savings resulted from repairing and reusing weapons parts, combined with savings in labor and shipping processes. NAVSEA is responsible for executing the mission effectively, delivering the products the warfighter needs, and for improving the processes continuously.

The M4A1 carbine is an assault rifle configuration of the M16 and is an upgrade of the MK18 Mod 0 carbine. The weapon is outfitted with a close-quarter battle receiver (CQBR) to support sailors conducting visit, board, search, and seizure (VBSS) missions and maritime security operations throughout the world.

"This project is extremely beneficial to the sailor," said Gary Mesarosh, NSWC Crane Small Arms Maintenance and Overhaul branch representative. "This initiative re-

Acquisition & Logistics Excellence

sults in improved mission readiness for our sailors. The entire arsenal of VBSS weapons has been overhauled, which means there is continued confidence in their primary assault carbine.”

“NSWC Crane Special Missions Center experts are responsive to the warfighters’ needs, and this project shows the dependability and importance of NSWC Crane in providing innovative solutions to issues and problems that benefit the warfighter,” said Bobby Just, NSWC Crane Special Missions Center.

Media contact: Naval Surface Warfare Center Crane Corporate Communications. For more news from Crane Division, Naval Surface Warfare Center, visit <www.navy.mil/local/crane/>.



Master-at-Arms 2nd Class Jayson Wazny, from Beaverton, Mich., and other members of helicopter visit, board, search and seizure Team 2 fire M4 rifles during a live fire transition exercise aboard the Nimitz-class aircraft carrier USS Abraham Lincoln (CVN 72). Photo by Mass Communication Specialist 2nd Class James R. Evans, USN

OFFICE OF THE DEPUTY ASSISTANT SECRETARY OF THE NAVY FOR SAFETY (AUG. 22, 2008) 2008 DON SAFETY EXCELLENCE AWARD RECIPIENTS ANNOUNCED

WASHINGTON—Secretary of the Navy, Donald C. Winter announced Aug. 19 the 2008 Department of the Navy’s (DoN) Safety Excellence Award winners.

“Your integration of ‘mission first, safety always’ into your commands’ culture was superlative during [fiscal year] 2007, and you have justly earned the right to fly my safety flag through the next year,” said Winter in his message that announced the recipients.

The 18 winners are: Pearl Harbor Naval Shipyard and Intermediate Maintenance Facility; Commander, Fleet Activities Okinawa; USS Enterprise (CVN 65) with Carrier Air Wing 1; USS Lake Erie (CG 70); USS Rushmore (LSD 47); MCM Crew Persistent; USS Columbus (SSN 762); Marine Corps Air Station New River; 1st Marine Aircraft Wing; Marine Corps Logistics Base Albany; Marine Light Attack Helicopter Squadron 269; Helicopter Anti-Submarine Squadron Light 42; Fleet Logistics Squadron 56; Marine Light Attack Helicopter Squadron 773; Training Squadron 31; USNS Lewis and Clark (T-AKE 1); and the Submarine Rescue Diving and Recompression System Team, Advanced Undersea Systems Program Office (PMS 394).

All recipients are presented with the Secretary of the Navy’s distinctive white-and-green safety flag, which they are entitled to fly for one year.

This was the second consecutive year the Submarine Rescue Diving and Recompression System Team has received the award. It’s the first time that a command has won in two different categories. Marine Light Attack Squadron 269 is the recipient in both aviation and ground safety.

This year’s award categories include safety ashore, safety shipboard, Marine Corps ground safety, aviation safety, Military Sealift Command safety, and safety in the field of acquisition.

The secretary of the Navy also announced that Naval Air Station Key West and Marine Corps Logistics Base Barstow have earned “star” level of safety excellence from the Occupational Safety and Health Administration’s Voluntary Protection Program. Star is OSHA’s highest level of safety achievement. MCLB Barstow is the first Marine Corps command to earn its star. The commands will receive a special plaque at the awards ceremony.

There are only seven commands DoN-wide that have reached Voluntary Protection Program star status.

Acquisition & Logistics Excellence

The Department of the Navy Safety Excellence Awards were established in 2002 by [Deputy Secretary of Defense] Gordon R. England to personally recognize Navy and Marine Corps commands that demonstrate extraordinary excellence by sustained mission success with simultaneous exemplary safety performance.

For more news from the Naval Safety Center, visit < www.navy.mil/local/nsc/ > .

AIR FORCE PRINT NEWS (AUG. 25, 2008) WRIGHT-PATTERSON UNIT WINS DEFENSE SECRETARY LOGISTICS AWARD

WASHINGTON—Defense Department officials announced Aug. 6 that the 478th Aeronautical Systems Wing was named the winner of the Secretary of Defense System Level Performance-Based Logistics Award.

The wing staff directs all acquisition and sustainment activities for the F-22 Raptor and is part of the Aeronautical Systems Center at Wright-Patterson Air Force Base, Ohio.

The award recognizes the unit with the best strategy to improve weapon system readiness through performance-based logistics contracting with weapons system manufacturers and the Air Force's three air logistics centers. Members of the 478th AESW demonstrated outstanding achievements in providing warfighters with exceptional operational capabilities.

The 478th AESW, together with the 77th Aeronautical Systems Wing, pursued the Air Force and DoD-directed effort. The team developed a 10-year, weapon-system level, sole-source, performance-based agreement. The arrangement incorporates significant public-private partnering with the F-22 manufacturer, Lockheed Martin Aeronautics; and the F-119 engine manufacturer, Pratt & Whitney. Innovative teaming and process management resulted in the first F-22 stand-alone sustainment contracts worth \$1.5 billion, for calendar years 2008 and 2009, which led to the highest readiness rates in the program's history.

Through ingenious application of Air Force Smart Operations for the 21st century, the team drastically shortened the standard 18-month proposal process to 10 months. The team drove an agreement for a 20 percent improvement in aircraft availability, which equates to seven additional F-22s in warfighters' hands. Additionally, the team delivered an amazing 15 percent improvement in mission capable rates, while repair rates saw impressive results with a 20 percent reduction in time. For the warfighter,

the team overcame monumental obstacles to accelerate the activation of the F-22 unit at Elmendorf AFB, Alaska, by a full two years.

"The award is a huge win for the 478th, the air logistics centers, contractors, and Aeronautical Systems Center. It's an even more significant and enabling win for our warfighters, providing them with better ability to fly, fight, and win," said Thomas Severyn, the 478th AESW director.

NAVAL SURFACE WARFARE CENTER DAHLGREN PUBLIC AFFAIRS (AUG. 25, 2008)

U.S. NAVY, SMALL BUSINESS PARTNER TO DELIVER NEW CAPABILITIES

DAHLGREN, Va.—Naval Surface Warfare Center Dahlgren, a Naval Sea Systems Command field activity, signed a cooperative research and development agreement (CRADA) with Fredericksburg, Va.-based Sim Ventions Inc., at NSWC Dahlgren, Va., Aug. 14.

The agreement will enable collaboration and sharing data rights to design, develop, test, and deliver new open architecture (OA) components and capability to the fleet.

Using OA, common parts and support for legacy systems, NAVSEA and its field activities constantly modernize shipboard systems to maintain the nation's fleet on the cutting edge of technology.

"This agreement is advantageous to both government and Sim Ventions," said NSWC Dahlgren Division Commander Capt. Sheila Patterson.

"It will contribute to the overall defense acquisition process while providing Navy customers, acquisition, and fleet better capability than is currently available in a more cost- and time-efficient manner."

The cooperation between NSWC Dahlgren Division and Sim Ventions engineers, scientists, and developers is expected to improve planning, development, and testing associated with OA tactical components and management tools.

"We have built our company by teaming with NSWC open architecture and engineering efforts," said Sim Ventions President Larry Root after signing the agreement with Patterson. "I see the CRADA as an extension of our relationship with NSWC. It will help us take the relationship to the next step."

Acquisition & Logistics Excellence

This cooperation includes shared access to the integrated warfare systems lab, the open architecture test facility, the human performance lab, and the integrated command environment facilities.

For more news from Naval Surface Warfare Center Dahlgren Division, visit < www.news.navy.mil/local/nswcdahlgren/ > .

ARMY ACQUISITION SUPPORT CENTER (AUGUST 2008) ARMY ACQUISITION PROFESSIONAL RECOGNIZED BY PRIVATE INDUSTRY

Sarah Maxwell

The U.S. Army Medical Research and Materiel Command's (MRMC) Bill Howell was selected above many of his civilian peers by the Medical Device & Diagnostic Industry as being one of the most notable people in his field. Howell has been MRMC's principal assistant for acquisition since 2005.

"I was very surprised but pleased by such recognition because it comes from the commercial medical device industry vice the military establishment," said Howell. "If I have any accomplishments to tout, it is my ability

to understand the market segments, be flexible in how I approach their potentials, and remember that both sides [industry and the Army] must be satisfied to build a lasting supplier of valuable goods."

Howell's leadership impacts more than \$300 million in medical technology development from proof-of-concept through to procurement, according to his nomination letter.

"We are aware that the military, in particular, MRMC, is a major contributor of the funds and manpower [for] medical device development," said Sherrie Conroy, editor-in-chief *MD&DI* magazine, which is the industry's leader in news and information. Hemostatic (chitosan) bandages and digitally enhanced imaging are just two examples of equipment developed through Howell's office to meet the Army's needs but are now a part of the greater civilian healthcare industry.

Howell will retire this fall after 34 years of government service working for the U.S. Army.

Maxwell works for MRMC Public Affairs Office.

A Six-pack of Tips for Defense AT&L Authors

1 Look at back issues of the magazine. If we printed an article on a particular topic a couple of issues ago, we're unlikely to print another for a while—unless it offers brand new information or a different point of view.

2 We look on articles much more favorably if they follow our author guidelines on format, length, and presentation. You'll find them at < www.dau.mil/pubs/dam/DAT&L%20author%20guidelines.pdf >.

3 Number the pages in your manuscript and put your name on every page. It makes our life so much easier if we happen to drop a stack of papers and your article's among them.

4 Do avoid acronyms as far as possible, but if you must use them, define them—every single one, however obvious you think it is. We get testy if we have to keep going to [acronym](#)

[finder.com](#), especially when we discover 10 equally applicable possibilities for one acronym.

5 Fax the *Certification as a Work of the U.S. Government/Copyright Release* form when you e-mail your article because we can't review your manuscript until we have the release. Download it at < www.dau.mil/pubs/dam/DAT&L%20certification.pdf >. Please don't make us chase you down for it. And please fill it out completely, even if you've written for us before.

6 We'll acknowledge receipt of your submission within three or four days and e-mail you a publication decision in four to five weeks. No need to remind us. We really will. Scout's honor.