

this Nation with the blood of its own children; this in the land of the free and the home of the brave.

#### EARMARK DISCLOSURE

### HON. CHRISTOPHER SHAYS

OF CONNECTICUT

IN THE HOUSE OF REPRESENTATIVES

Thursday, September 25, 2008

Mr. SHAYS. Madam Speaker, in compliance with Republican Conference earmark disclosure requirements, I would like to submit the following statement for the RECORD.

Bill Number: H.R. 2638—Consolidated Security, Disaster Assistance, and Continuing Appropriations Act

1. Account: Military Construction, Air NG.

Legal Name of Requesting Entity: Connecticut Air National Guard located at Bradley International Airport, Connecticut.

Address of Requesting Entity: Bradley International Airport, Schoephoester Road, Windsor Locks, CT 6096.

Description of Request: Along with Congresswoman DELAURO, Congressman COURTNEY, Congressman LARSON, and Congressman MURPHY, I received an earmark of \$7,200,000 for construction of an engine shop at Bradley International Airport to support the unit's assigned mission of providing an engine Centralized Immediate Repair Facility capability and also provide the capability for a Joint Cargo beddown. The engines maintained will support the mission operations of A-10 aircraft equipped units in the Air Force and the Air National Guard.

Federal funding will be used to construct the new engine facility, which is required to support 78 PAA equivalents, in addition to parts storage, additional engine storage, shipping and receiving, personnel training and administrative support areas.

The current facility lacks adequate space and engine docks to conduct intermediate engine repair. It does not have adequate parts storage areas, shipping and receiving capabilities and administrative and training areas for the increased manpower necessary to handle the over three-fold increase in assigned workload. The existing facility also lacks adequate parking and existing base road violates the anti-terrorist force protection standoff requirements.

2. Account: Department of Defense, NSDF, RRF.

Legal Name of Requesting Entity: Massachusetts Maritime Aquarium.

Address of Requesting Entity: 101 Academy Drive, Buzzards Bay, MA 02532.

Description of Request: Along with Congressman DELAHUNT, Congressman OLVER, and Congresswoman TSONGAS, I received an earmark of \$10,000,000 to complete the training ship, the *Enterprise*, used by students at the Massachusetts Maritime Academy.

Federal funding will be used to complete the conversion of the training ship to its original planned cadet and officer/crew accommodation level. State maritime academy training ship conversions have traditionally been financed through appropriated funding, and the Academy has no other way to fund the retrofit of this federal Government-owned vessel.

All state academy training ships, including the *Enterprise*, are part of the U.S. Maritime Administration's national emergency response plan and can be used to berth first responders and other key disaster recovery personnel in the wake of a natural disaster or terrorist attack.

3. Account: Department of Defense, RDTE, DW.

Legal Name of Requesting Entity: L-1 Identity Solutions.

Address of Requesting Entity: 177 Broad Street, 12th Floor, Stamford, Connecticut 06901.

Description of Request: I received an earmark of \$1,600,000 to provide operational enhancements and technology improvements to biometrics-based identification tracking and analysis capabilities in order to ensure real-time actionable intelligence to the warfighter, as well as to the broader combating terrorism community.

Federal funding will be used for the research, development and demonstration of an identity-based data capturing and management system. Enhanced data capture and management would entail further research and development of biometrics stand-off capabilities, as well as in improving the interoperability and portability of these biometrics-based data systems.

This project addresses a critical requirement of the military intelligence community to accurately identify and track persons of interest in the battlespace, at military installations or in other critical, highly secured areas and facilities.

4. Account: Department of Defense, OM, ARNG.

Legal Name of Requesting Entity: Advanced Power Systems International.

Address of Requesting Entity: 339 Main Street, Torrington, Connecticut 06790.

Description of Request: I received an earmark of \$800,000 to upgrade Air National Guard vehicles. This upgrade will result in fuel savings as well as a reduction in the harmful atmospheric particulate matter produced by vehicle exhaust.

Federal funding would be used to purchase retrofit devices, which will have a savings in annual maintenance expenses due to a cleaner burning fuel.

This fuel catalyst device would make significant reductions in fuel consumption by 1.4 million gallons per year resulting in significant operational savings of \$4.65 million annually at \$2.50 per gallon. In addition to burning less fuel, the installation of the Fuel Catalyst device will result in a significant reduction in Greenhouse Gas production and saving over 14,000 metric tons of CO<sub>2</sub> per year along with the reduction of other atmospheric particulate matter contributing to smog.

5. Account: Department of Defense, RDTE, A.

Legal Name of Requesting Entity: DRS Ferment.

Address of Requesting Entity: 14 North Avenue in Bridgeport, CT 06606.

Description of Request: I received an earmark of \$800,000 for a demonstration program to generate power and air-conditioning from a single unit.

Federal funding will be used to create an Advanced Technology Demonstrator that pro-

vides heating, cooling, and exportable power that is in one package. That demonstrator could be used by the Army to assist with requirements determination and analysis of alternatives. The result would be fuel savings, lower O&S costs and reduced footprint.

In July 2007, the Defense Science Board Task Force on DoD Energy Strategy observed that energy logistics is a significant financial burden on US Armed Forces: specifically, (1) 70% of warfighting logistics by weight is fuel; (2) fuel convoys for powering generators and batteries create large, vulnerable footprints; and (3) supplying fuel to front lines requires considerable protection. In addition, it is widely believed the majority of the Army's generator capacity is used to power ECU's.

6. Account: Department of Defense, RDTE, AF.

Legal Name of Requesting Entity: United Technologies Corporation (UTC).

Address of Requesting Entity: 411 Silver Lane; M/S 129—88, East Hartford, CT 06108.

Description of Request: I received an earmark of \$4,000,000 to develop and demonstrate high temperature gas turbine airfoils using fiber-reinforced ceramic matrix composite (CMC) technology, for advanced military gas turbine engines for F135 (JSF Growth).

Federal funding will be used to accelerate the development of this new class of materials with significant potential DoD benefits. Recent studies have shown that CMC 3rd blades in the F135 growth engine has the potential to save more than 42 pounds of engine weight and lead to consequent cooling air savings of 1.67%, leading to significant performance improvement and fuel savings.

As this is a research and development project, which is not yet under contract, a detailed budget breakdown is not yet available. Nearly all of the funding would be dedicated to engineering work.

7. Account: Department of Defense, RDTE, AF.

Legal Name of Requesting Entity: Northrop Grumman Corporation.

Address of Requesting Entity: 1000 Wilson Boulevard, Arlington, VA 22209.

Description of Request: Along with Congressman WELDON, I received an earmark of \$20,000,000 for the Multi-Platform Radar Technology Improvement Program (MP-RTIP) Integration and Test on Joint Surveillance Target Attack Radar System (JSTARS) project.

The JSTARS (E-8) was the original platform designated for MP-RTIP and the radar can be transferred back to JSTARS with minimal risk. The MP-RTIP radar is modular and scaleable in design, enabling the Air Force to share development efforts between the smaller radar intended for the Global Hawk and a larger radar for a larger aircraft like the E-8. More importantly, the large radar can detect and track targets with a much smaller radar signature—such as a cruise missile or small targets on the ground. Therefore, the large radar will provide unique capabilities for the ongoing war on terrorism and for current and emerging cruise missiles threats for decades to come.

Federal funding will be used for project development and procurement and will ensure this vital weapon still remains viable and continues to support the joint warfighter. Joint

STARS is a unique Intelligence, Surveillance, and Reconnaissance system that supports both asymmetric and conventional warfare. Without the large MP-RTIP radar, U.S. and coalition forces are exposed; the E-8 equipped with MP-RTIP will increase the mission effectiveness of our troops in the defense against cruise missiles, conducting the war on terrorism, and in future conflicts.

8. Account: RDTE, A.

Legal Name of Requesting Entity: United Technologies Corporation (UTC).

Address of Requesting Entity: 411 Silver Lane; M/S 129-88, East Hartford, CT 06108.

Description of Request: Along with Congresswoman DELAURO, and Congressman COURTNEY, I received an earmark of \$2,400,000 to develop a vehicle wide scaled armor protection system for cargo and troop transport helicopters to reduce their vulnerability to small arms fire. With the funding, UTC will accelerate a statistical design system based on battle field experience that can be used to guide the placement and scaling of new armor systems. Light weight ballistic material systems, based on novel ceramic materials, can be appropriately and selectively scaled and integrated into the helicopter to significantly decrease the vulnerability while minimizing the impact on payload and mission. The solution needs to include sensitivity to direction, stand off distance, obliquity and type of threat. The armor could then be customized and integrated to provide effective ballistic protection. This solution would limit the weight impact of reduced vulnerability while maintaining the mission capability of the vehicle.

As this is a research and development project, which is not yet under contract, a detailed budget breakdown is not yet available. Nearly all of the funding would be dedicated to engineering work.

THE COACH—KEVIN MAZEIKA

**HON. TED POE**

OF TEXAS

IN THE HOUSE OF REPRESENTATIVES

*Thursday, September 25, 2008*

Mr. POE. Madam Speaker, the lessons learned through the advice of a mentor or coach are often invaluable. For those involved in athletics, a coach's guidance reaches far beyond game time. The leadership of a coach not only improves an athlete's performance but works to instill values of hard work and discipline. Texas native Kevin Mazeika continues this tradition as an internationally recognized gymnastics coach. I would like to honor Kevin for representing the state of Texas and our country, with honor and dignity during the 2008 Olympic Games in Beijing, China as the head coach of the USA men's Olympic Gymnastic Team.

Since 1988 Kevin Mazeika has been on the USA National Gymnastics coaching staff. His own personal coach and mentor Bill Meade inspired him to also pursue coaching. Following his own stint as a Saluki gymnast at Southern Illinois University, Kevin's personal understanding of the sport is unique.

Representing the U.S. in over 40 international competitions, he is America's most

successful Olympic and World Championship coach. His twenty-four year coaching career has resulted in his being awarded numerous awards from his noteworthy positions. He has achieved his great success through much hard work, determination and perseverance. He has established himself as an outstanding coach and community leader. Athlete, leader, father-figure, competitor, a credit to his community, to Texas, and to our nation; Kevin Mazeika has earned his place among the elite of his profession.

At this year's 2008 Olympic Games held in Beijing, China, Coach Mazeika led the USA team to a bronze medal in gymnastics. His stalwart victory follows his previous coaching success at the 2004 Olympic Games in Athens where the team received a silver medal. His friends, family and team mates should all be proud of his accomplishments, as we look forward to his coaching future.

Currently, he owns and operates Mazeika's Elite Gymnastics where aspiring gymnasts continue to benefit from his guidance. For his exemplary contributions to the sport of gymnastics and the athletes he coaches, I commend Kevin Mazeika. I applaud his remarkable career as he continues to represent our nation on the international stage.

And that's just the way it is.

#### EARMARK DECLARATION

**HON. ROSCOE G. BARTLETT**

OF MARYLAND

IN THE HOUSE OF REPRESENTATIVES

*Thursday, September 25, 2008*

Mr. BARTLETT of Maryland. Madam Speaker, pursuant to the Republican Leadership standards on earmarks, I am submitting the following information for publication in the CONGRESSIONAL RECORD regarding earmarks I received as part of H.R. 2638, FY 09 Defense Appropriations as part of the Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009. The list is as follows:

Bill Number: H.R. 2638.

Account: RTD&E Army Combat Vehicle and Automotive Advanced Technology.

Legal Name of Requesting Entity: Volvo Powertrain of North America.

Address of Requesting Entity: 13302 Pennsylvania Ave, Hagerstown, MD 21742.

Description of Request: Funded \$2.4 million to build, test, and evaluate up to five heavy tactical trucks with hybrid electric powertrain. The integrated hybrid drive system will be specifically tailored to the M915 line-haul tractor or other heavy trucks selected by the Army. The program's goal is to provide the military with more fuel efficient, cleaner and easily maintained heavy truck powertrain.

Bill Number: H.R. 2638.

Account: RDT&E Air Force.

Legal Name of Requesting Entity: Proxy Aviation Systems.

Address of Requesting Entity: 12850 Middlebrook Road, Germantown, MD 20874.

Description of Request: Multiple UAS cooperative concentrated observation and engagement against a common ground objective. This program was funded \$4.4 million to pro-

vide requirement for operational need from CENTAF for a UAS cooperative engagement capability and a standing objective requirement for Predator to operate up to eight air vehicles simultaneously from a single ground station. This will increase effectiveness of current fleet of UAVs by enabling multiple UAVs to cooperate in the same airspace and dynamic mission execution.

Bill Number: H.R. 2638.

Account: RTD&E Navy Shipboard System Component Development.

Legal Name of Requesting Entity: Northrop Grumman Corporation.

Address of Requesting Entity: 1840 Century Park East, Los Angeles, CA 90067-2199.

Description of Request: Power Dense Integrated Power System for CG(X) was funded \$3.0 million to continue the development of a power dense integrated power system (IPS) suitable for surface combatant main power generation, distribution and conversion. These developments will facilitate removing 20% of existing system weight and cost, enabling an increase in combatant payload capacity. Contractor activity will be performed at Northrop Grumman Electronic Systems, Marine Systems at 7301 Sykesville Rd, Sykesville, MD 21784.

Bill Number: H.R. 2638.

Account: Procurement, Defense-Wide.

Legal Name of Requesting Entity: Smiths Detection.

Address of Requesting Entity: 2208 Lakeside Blvd., Edgewood, MD 21400.

Description of Request: Joint Chemical Agent Detector Program was funded \$4.0 million to provide advanced detection and warning, identification of contamination on personnel and equipment, and monitoring for presence of chemical warfare agent and toxic industrial chemical contamination. This project will ensure that Maryland National Guard and other guard units receive the latest chemical warfare agent and toxic industrial detector in their hands.

Bill Number: H.R. 2638.

Account: RTD&E Navy Advanced Submarine System Development.

Legal Name of Requesting Entity: Chesapeake Sciences Corporation.

Address of Requesting Entity: 1127B Benfield Blvd., Millersville, MD 21108.

Description of Request: Submarine Fatline Vector Sensor Towed Array was funded \$800 thousand to provide the fabrication, assembly and test of a prototype 96-element vector sensor fatline submarine towed array. It would also include testing and data analysis to show that Vector Sensor towed arrays provide a cost effective means to achieve significant improvement in detection, fire control, and self-defense capabilities for our submarine fleet.

Bill Number: H.R. 2638.

Account: Defense-Wide, RTD&E Microelectronic Technology Development and Support.

Legal Name of Requesting Entity: Northrop Grumman Corporation.

Address of Requesting Entity: 1580A W. Nursery Rd., Linthicum, MD 21090.

Description of Request: Scalable Topside Array Radar (STAR) Demonstrator funded for \$800 thousand to develop and build a STAR to validate performance and reduce cost/risk of next generation surface ship radar systems.