

Hunter National Defense Authorization Act of Fiscal Year 2009, H.R.5658.

Requesting Member: Congressman JEFF MILLER

Bill Number: H.R. 5658

Project name: FPS-16 Radar Mobilization upgrade

Account: USAF, RDT&E

Legal Name of Entity Receiving Earmark: BAE Systems

Address of Entity: 557 Mary Esther Cut-Off, Fort Walton Beach, Florida, 32548

Description: Provide an earmark of \$6,000,000 to The Air Armament Center (AAC) at Eglin Air Force Base, Florida for enhanced range instrumentation coverage. Due to the ever evolving performance characteristics of the systems under test it has become increasingly necessary to extend the instrumentation infrastructure of the test range by providing flexibility and increased coverage in test support. Funding for upgrading FPS-16 radars to BAE Systems RIR-980 configuration, will consist of a set of digital radar electronics based upon an expandable open system VME-based architecture housed in a skid-mounted shelter that can be transported by a flat-bed trailer. The electronics shelter will interconnect to the antenna and tracking pedestal that may also be transported by trailer.

Finance plan: The total package will provide a precision long range tracking radar that may be relocated to prepared sites for optimum test coverage and support on a project-to-project basis. 25 percent of the funding is required for engineering efforts, 40 percent of the cost is for material and manufacturing, 15 percent for mobility and 20 percent for locating the system, training and test.

Justification for use of taxpayer dollars: This enhanced, mobile radar tracking capability will provide AAC the flexibility required to support testing of current and emerging weapon systems and platforms. This new capability will attract test programs to the AAC test range that cannot presently be supported, provide expanded instrumentation coverage for the range, reduce encroachment concerns, and provide more comprehensive coverage and support to all test programs. This added instrumentation asset will result in more cost effective and timely test support for the U.S. Air Force and ultimately in fielding systems for the war fighter in a more timely manner.

Requesting Member: Congressman JEFF MILLER

Project name: Moving Target Strike

Account: RDT&E, Air Force

Legal Name of Entity Receiving Earmark: Alpha Data Corporation/General Atomics

Address of entity: Alpha Data Corp 1326 Lewis Turner Blvd Fort Walton Beach, FL 32547 General Atomics 3350 General Atomics Court San Diego, CA 92121

Description: Moving Target Strike works to demonstrate a low cost GPS guided weapons system with improved accuracy (less than three meters) and the ability to strike moving targets.

Finance Plan: If the request is fully funded in FY09, the obligation breakdown (\$M) of labor and materials per quarter:

Modification of small weapon—\$1.2M

Interface development of weapon to sensor—\$1.0M

Simulation and con-ops development—\$0.5M

Datalink procurement and integration—\$1.0M

Manned aircraft integration of datalink and sensor—\$0.2 M

Manned flight test/demo. (static weapon, no live drop)—\$0.4 M

Predator integration engineering—\$0.6 M

Program management/system engineering—\$1.1 M

Total—\$6.0M

Justification for use of taxpayer dollars: The ability to extend the capability of GPS guided weapons to moving targets will significantly enhance the effectiveness of weapons platforms that use GPS guided systems. The enemy knows that currently if he keeps moving he is safe from many of our current weapon systems. The ability to strike movers from a variety of platforms with GPS guided weapons will greatly reduce the enemy's ability to avoid our weapons.

Requesting Member: Congressman JEFF MILLER

Project Name: Joint Gulf Range Complex Upgrade

Account: RDT&E, Defense Wide

Legal name of entity receiving earmark: The Boeing Company

Address of entity: 634 Anchors St, Fort Walton Beach, FL 32548

Description: The services lack infrastructure to collaboratively address operational issues associated with the Global War on Terror. The 46 Test Wing at Eglin AFB, in concert with Air Force Special Operations Command and United States Special Operations Command use the range to conduct mission readiness qualification and weapons testing. This program will develop a prototype live virtual and constructive (LVC) range that will enable testing of new net centric weapons and support realistic joint special operations training. This LVC range will facilitate the fielding of weapon systems that possess a net centric capability enabling conventional systems to directly communicate with special operations via data link for the time sensitive targeting of "terrorist type" targets including car bomb factories and training sites.

Justification for use of taxpayer dollars: The upgrade will result in improved training and mission readiness.

Requesting Member: Congressman JEFF MILLER

Project Name: Gulf Range Mobile Instrumentation Capability (GR-MIC)

Account: Defense Wide OSD/Central Test and Evaluation Investment Development (CTEIP)

Legal name of entity receiving earmark: Prologic

Address of entity: 9400 Innovation Dr. Manassas, VA 20110

Description: The 46th Range Group (46 RANG) has a need for a Gulf Range Mobile Instrumentation Capability (GR-MIC) that can provide a platform for remote test, collection, storage and relay of various data types. This capability is needed to support test events which require extreme sized land and water mission operating spaces to accomplish their goals such as distributed Live Virtual Constructive (LVC) test events, large footprint weapons testing, Directed Energy (DE) testing and hypersonic weapons testing.

Justification for use of taxpayer dollars: By developing a GR-MIC we will be able to integrate the simultaneous employment of many advanced weapons/platforms into a single test or exercise/training events. This effort con-

ncts test and evaluation ranges that use many communication and data requirements to interact between geographically separated ranges, making valuable information available to everyone who requires it. The result is ranges becoming interconnected and consequently creating a greater training experience.

Requesting Member: Congressman JEFF MILLER

Project name: Eglin Air Force Base Range Operations Control Center (ROCC) Initiative

Account: RDT&E, AIR FORCE

Legal name of entity receiving earmark: Cubic Applications, Inc.

Address of entity: 6 Eleventh Avenue, Suite H-3, Shalimar, FL 32579

Description: The 46th Test Wing has an Improvement Modernization initiative, termed "super ROCC". It provides for more effective control which will better optimize range scheduling and increase flexibility in meeting test and training missions.

Justification for use of taxpayer dollars: Considering the effects of BRAC, emerging Joint Test and Training missions, and increased operations tempo, this initiative will address the current Eglin AFB shortfalls in infrastructure to provide safe, efficient, effective control of range resources. Eglin AFB initiated a phased approach (Super ROCC) to address these shortfalls, and this project will initiate the action by addressing movement and control of people and equipment and relevant security issues. This Initiative will help the Air Force increase the operations tempo at the Eglin Range by addressing the movement and control of people and equipment as well as relevant security issues. Through this initiative, the Air Force will greatly improve its ability to track all players on the Eglin Range thereby significantly increase its efficiency in an increased ops tempo environment. Driven by BRAC and safety imperatives, this further provides for more effective control which will better optimize range scheduling and increase flexibility in meeting test and training missions. Simply by knowing the locations of all entities on the range, more flexibility in reassigning missions to ground and air space previously under utilized will be achieved.

## EARMARK DECLARATION

**HON. KAY GRANGER**

OF TEXAS

IN THE HOUSE OF REPRESENTATIVES

Tuesday, May 20, 2008

Ms. GRANGER. Madam Speaker, consistent with the Republican Leadership's policy on earmarks, I offer the following justification for the projects that I requested that were included in the FY2009 National Defense Authorization bill.

For the project titled "Security Forces Building, 136th Airlift Wing, Fort Worth" in H.R. 5658, the MILCON Air National Guard Account, the legal name and address of the requesting entity is Texas Air National Guard, 136th Airlift Wing, NAS JRB Fort Worth, Fort Worth, TX. A new facility is needed at JRB NAS Fort Worth for the Security Forces Squadron and for Combat Arms Training Simulator/Combat Arms Training Maintenance. This requirement is a result of the Air Force's increased need for Security Forces personnel

and the resulting increase of Security Forces personnel at the 136th Airlift Wing. Current space and facilities are inadequate; they are less than half the authorized size for the current number of personnel assigned and current training/deployment requirements. This facility needs to be constructed as soon as possible because the number of security personnel for the 136th Airlift Wing is growing quickly. Funds will be used toward the construction of this facility.

For the project titled “F-22A Raptor” in H.R. 5686, the Aircraft Procurement—Air Force Account, the legal name and address of the requesting entity is United Technologies, 1401 Eye Street, NW, Suite 600, Washington, D.C. 20005-6523 (Subcontractor to Lockheed Martin—Fort Worth, Texas). The F-22A Raptor is the only fighter that can provide air dominance necessary to ensure freedom of action for U.S. allied ground, air, and naval forces in contingency and combat forces. The F-22A Raptor provides 5th generation stealth, super-cruise, vectored thrust agility and integrated weapons capability to provide air dominance. Growing threats from modern surface to air missiles; new 5th generation fighters in development by potential adversaries; and loss of significant numbers of the current air superiority fighter (the F-15 Eagle) demand continued F-22 production beyond the current F-22 multi-year procurement. Funds would be used for advance procurement of F-22A Raptors.

For the project titled “C-17A Globemaster III” in H.R. 5658, Aircraft Procurement, Air Force account, the legal name and address of the requesting entity is The Boeing Company, 3855 N Lakewood Blvd, Long Beach, CA 90846 (As prime contractor to Vought Aircraft Industries). The C-17 is the primary U.S. heavy airlift aircraft that can also operate intratheater on unimproved airfields. C-17 has flown approximately 80 percent of the strategic airlift missions for military operations in Afghanistan and Iraq, as well as serving as the workhorse for disaster relief in Asia and the United States’ Gulf Coast. The program will provide improved military capability to fulfill needs as identified by the Department of Defense. Funds will be used for procurement of C-17s.

For the project titled “Podded Reconnaissance System, SCATHE VIEW (C-130H)” in H.R. 5686, the Aircraft Procurement—Air Force account, the legal name and address of the requesting entity is ATK Integrated Systems, 236 Citation Drive, Fort Worth, TX, 76106. SCATHE VIEW provides the war fighter with significant improvements in identifying time-critical targets, and in saving lives. The SCATHE VIEW program currently operates eight C-130H airframes, modified to carry a sensor suite pallet. All assets—including five sensor pallets—are stationed with the Air National Guard’s 152nd Intelligence Squadron (IS) in Reno, Nevada. Recent deployments to U.S. Central Command (CENTCOM) have been very successful in finding improvised explosive devices (IEDs), and in locating and destroying high value targets. SCATHE VIEW has also provided critical situational awareness by providing day and night imagery during domestic forest fires, and in search and rescue efforts. The program will provide improved military capability to meet an unmet need identified by the Department of Defense. Approximately 10 percent of funds will be used for the Blue Force Tracker, 40 percent

for 3rd Aircrew Position, and 50 percent for Tactical Information Broadcast Service.

For the project titled “UH-60A to UH-60L Upgrades” in H.R. 5686, the Aircraft Procurement—Army Account, the legal name and address of the requesting entity is United Technologies, 1401 Eye Street, NW, Suite 600, Washington, D.C. 20005-6523, and Sikorsky Aircraft Corporation, A United Technologies Company, 4800 Overton Plaza, Ft Worth, TX 76109-4428. The Army has begun procuring new “M” series Black Hawks for utility, special operations, and MEDEVAC missions to replace the older “A” series models. The project also continues modernizing UH-60A helicopters through a UH-60A re-capitalization program. The current re-capitalization program includes an airframe life extension, fleet-wide product improvements and the replacement of components with the latest UH-60L configuration. While performing this recapitalization, the addition of the UH-60L transmission, UH-60L 701D engines and other enhancements complete the upgrade at a cost of an additional \$1.5M per aircraft. Funds will be used for these costs.

For the project titled “RC-26B Modernization” in H.R. 5686, the Aircraft Procurement—Air Force Account, the legal name and address of the requesting entity is ATK Integrated Systems, 236 Citation Drive, Fort Worth, TX, 76106. The RC-26B performs critical intelligence, surveillance and reconnaissance (ISR) missions in support of national disaster response by the Department of Homeland Security (DHS), Customs and Border Protection (CBP), Air National Guard, and in direct support of Special Operations Forces in the GWOT. The Air National Guard (ANG) operates a fleet of eleven RC-26B aircraft that provide support to individual states for disaster relief and counter-drug missions. As the demands for the RC-26Bs proven utility increased, non-availability of the platform due to use in GWOT operations have prevented ANG crews from performing their domestic assigned missions. Special Operations Command funded the modification of five RC-26B aircraft—to provide ISR missions in support of deployed operations. With five RC-26B aircraft deployed in support of missions outside of the continental United States, an availability vacuum at the state level has occurred. The remaining six RC-26B aircraft (from Mississippi, Arizona, Florida, Texas, West Virginia and New York) are not sufficient to support the disaster relief and counter-narcotics missions of both the ANG and DHS/CBP. Funds will be used for concept development, design, integration and flight verification for one aircraft of the following technologies that would enhance the current Block 20 RC-26B performance and effectiveness.

For the project titled “Enhanced Holographic Imager (EHI)” in H.R. 5686, the RDT&E—Army account, the legal name and address of the requesting entity is Zebra Imaging, Inc., 9801 Metric Blvd., Suite 200, Austin, TX 78758. This is the final phase of a three-year development program to reduce the size and enhance efficiency of the holographic imager system currently used to produce 3D imagery for the Army’s Tactical Battlefield Visualization program. The requested FY09 funds will be administered by the U.S. Army Engineering Research and Development Center (USAERDC) and will complete the EHI development program, with the delivery of a fully-

tested prototype of the field-deployable Enhanced Holographic Imager. The Enhanced Holographic Imager (EHI) system is needed by DOD to reduce the time now required to provide 3D imagery to Coalition Forces in Iraq for intelligence and operation planning. Approximately 55 percent of funds will be used to complete design of a system and lab test prototype, 20 percent for the development of a prototype post-processor, and 25 percent to construct and test an in-field beta prototype.

For the project titled “Center for Geospatial Intelligence & Investigation (GII)” in H.R. 5658, RDT&E—Navy account, the legal name and address of the requesting entity is Texas State University San Marcos, Center for Geospatial Intelligence & Investigation, 601 University Drive, San Marcos, TX 78666. The Center for Geospatial Intelligence & Investigation is conducting research of interest to the US military. Recognizing the need for better tools to track down insurgents responsible for kidnapping, maiming, and killing US Forces, allies, and civilians in operations in OIF and OEF, the Army sanctioned the initial stage of this project through the Army Topographic Engineering Center in FY06. This project is designed to assist in counter-IED (improvised explosive devices) efforts having a direct impact on increased safety levels and reduced risk of injury and/or death for U.S. military forces deployed to OIF and OEF. Funds will be used for the next phase of the project supported by the US Marines Systems Command. Employing a cross-disciplinary approach, GII seeks to help military and military intelligence officials build more powerful investigative and analytic tools. This project will continue to develop computer modeling based on insurgent behavioral theories to help extract knowledge from information and data, assisting military officials in predicting insurgent activity areas and bases of operation. Components of the project will focus on suicide attacks, attacks along main supply routes/roads, and the use of specialized technology to depict the “Behavioral Decision-Making Template” of insurgents. Approximately 30 percent of funds will be used for personnel, 10 percent for equipment, and 60 percent for other incidental costs such as travel.

#### EARMARK DECLARATION

**HON. STEVE BUYER**

OF INDIANA

IN THE HOUSE OF REPRESENTATIVES

*Tuesday, May 20, 2008*

Mr. BUYER. Madam Speaker, the attached financial plans are provided in support of projects listed in H.R. 5658.

DETAILED FINANCE PLAN FOR NATIONAL TEST FACILITY FOR AEROSPACE FUELS AND PROPULSION

Budget: Equipment & Supplies—\$2,130,000; Salary—\$850,000; Travel—\$20,000.

Source of Match Funding: Purdue University.

Sustainability: Potential sources of funding along with associated sustainability possibilities include: Office of Energy and Defense Center for Coal Technology Research (CCTR)—Test and development support for Fischer-Tropsch (FT) fuels; DoD Clean Fuels Initiative—this facility will have the capabilities for long-term test operations and data collection; DARPA BAA—this facility will have the