

TRIBUTE TO DON AND MICKIE  
STEPHEN

**HON. TOM LATHAM**

OF IOWA

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, September 24, 2008*

Mr. LATHAM. Madam Speaker, I rise to recognize the 50th anniversary of Stephen Cleaners and the retirement of Don and Mickie Stephen, co-owners of Stephen Cleaners in Adel, Iowa.

Don began working with his father in the dry cleaning business in Oskaloosa, Iowa, in 1948. In 1958, Don and his wife Mickie moved to Adel and began Stephen Cleaners on the downtown courthouse square. Don and Mickie continued the business through many changes in business climate and innovations in wash-and-wear fashions. They have now passed the business down into good hands; their daughter and son-in-law, Linda and Randy Clark already have 25 years of their own business experience.

Don and Mickie Stephen have left a positive mark on the city of Adel and will be truly missed on Nile Kinnick Avenue. However, just as they have been doing since 1969, the Stephens will continue to camp out at and attend the annual Iowa State Fair, which is the only time of year they ever closed their store. I know that my colleagues in the United States Congress join me in commending Don and Mickie for their service to their community and congratulating them on their retirement and over 60 happy years of marriage. I consider it an honor to represent Don and Mickie in Congress, and I wish them a long, happy and healthy retirement.

HONORING BENJAMIN SAUNDERS

**HON. SAM GRAVES**

OF MISSOURI

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, September 24, 2008*

Mr. GRAVES. Madam Speaker, I proudly pause to recognize Benjamin Saunders of Kansas City, Missouri. Benjamin is a very special young man who has exemplified the finest qualities of citizenship and leadership by taking an active part in the Boy Scouts of America, Troop 180, and earning the most prestigious award of Eagle Scout.

Benjamin has been very active with his troop, participating in many Scout activities. Over the many years Benjamin has been involved with Scouting, he has not only earned numerous merit badges, but also the respect of his family, peers, and community.

Madam Speaker, I proudly ask you to join me in commending Benjamin Saunders for his accomplishments with the Boy Scouts of America and for his efforts put forth in achieving the highest distinction of Eagle Scout.

THE DAILY 45: A MASSACHUSETTS  
SUICIDE

**HON. BOBBY L. RUSH**

OF ILLINOIS

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, September 24, 2008*

Mr. RUSH. Madam Speaker, everyday, 45 people, on average, are fatally shot in the United States.

Unfortunately, many of these shootings are the result of a relationship gone bad. On September 22, in Massachusetts, with a .35-caliber gun in his hand and a lack of judgment in his head, Scott MacLellan shot and wounded his ex-girlfriend's new boyfriend and then fired a fatal shot into his own skull. She was ready and did move on, but Scott refused to respect her wishes. Too many people with control issues are forcing either their partners or themselves to an early grave. Too often, they use a gun to carry out their plans.

Americans of conscience must come together to stop the senseless death of "The Daily 45." When will Americans say "enough is enough, stop the killing!"

HONORING THE RETIREMENT OF  
REPRESENTATIVE MICHAEL R.  
MCNULTY

SPEECH OF

**HON. KIRSTEN E. GILLIBRAND**

OF NEW YORK

IN THE HOUSE OF REPRESENTATIVES

*Monday, September 22, 2008*

Mrs. GILLIBRAND. Mr. Speaker, I rise today to honor Congressman MICHAEL MCNULTY, the distinguished Representative of New York's 21st District, as he prepares to conclude 20 years of service to the people of Upstate New York in the House of Representatives.

In Congress, MICHAEL MCNULTY has been more than simply a colleague to me over the past 2 years, but also a mentor and friend. I have benefited greatly from his constant advice and counsel as I navigate through my first term in Congress. He has always been there to offer an encouraging word or friendly piece of advice. For that and many other reasons, I will miss his presence here in the House Chamber.

Congressman MCNULTY started on his path to service when he became an Eagle Scout at the age of 12, displaying at an early age his leadership and dedication to public service. He then went on to become the youngest Town Supervisor in New York State when he was elected as Supervisor of the Town of Green Island at the age of 22.

Congressman MCNULTY's service in elected office spans almost four decades, as supervisor and mayor of the Village of Green Island, a member of the New York State Assembly and a Member of this House since 1988. In Congress, MICHAEL MCNULTY has distinguished himself by serving his constituents on several important committees, including for fifteen years on the Ways and Means Committee, where he is currently the Chairman of the Subcommittee on Social Security.

As Congressman MCNULTY leaves us here in Congress, he goes home to spend more time with his lovely wife Nancy, their four daughters and five grandchildren, who I know

he adores. Our loss is truly their gain, and I am sure that they are thrilled that he will be able to spend more time with them back home in New York.

In conclusion, Madam Speaker, I thank Congressman MCNULTY for his friendship and his service to the people of New York and the United States. I wish him every success in all of his future endeavors.

EARMARK DECLARATION

**HON. ROBERT B. ADERHOLT**

OF ALABAMA

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, September 24, 2008*

Mr. ADERHOLT. Madam Speaker, pursuant to the Republican leadership standards on earmarks, I am submitting the following information regarding earmarks I received as part of the Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, amendment of the Senate to H.R. 2638 the Department of Homeland Security Appropriations Act 2008; Division C—Department of Defense Appropriations Act, 2009.

Request as named in the report: D-NET: Electrically Charged (ECM) Mesh Defense Net Troop Protection System.

Requesting Member: ADERHOLT.

Bill Number: Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, amendment of the Senate to H.R. 2638 the Department of Homeland Security Appropriations Act 2008.

Account or Provision: Division C—Department of Defense Appropriations Act, 2009 RDT&E—Army; Line 10, Missile Technology.

Legal Name of Requesting Entity: Victory Solutions, Inc.

Address of Requesting Entity: 4900 Corporate Drive, Suite A, Huntsville, AL, 35805.

Description of Request: \$2,560,000 will be used to further develop a system to defend against rocket propelled grenades (RPG), mortars, and small rocket fire. The system meets a need for a defense mechanism which uses a non-explosive form of delivery and thereby can be mounted on helicopters without adding danger to the helicopter when it is fired upon. Recent meetings of the contractor with DOD have created a strong interest in possibly first deploying this system to protect ground vehicles. Funding of \$3.2 million would have provided for the following activities, with perhaps more funding needed for the final phase; these plans will be adjusted, to adapt to the final Congressional figure above. Phase II, Task A Net Development R&D (\$500k): Net Material, Ground vehicle version \$80k; Aerial Platform \$80k; 15 Range Tests/Parametric Studies/Validation, \$100k; Labor/Salaries (Engineering and Manufacturing labor), \$240k. Phase II, Task B Launcher Development (\$1M): Ground and Aerial Launcher Design and Development R&D and Fabrication, \$450k; 10 Range Tests, \$75k; Labor for Engineering, Integration and Manufacturing, \$400k; Travel to Govt Program Office Customers, \$75k. Phase II, Task C Launcher Fire Controller (\$500k): Sensor Compatibility Design, Platform Design, Current System Availability Design, \$200k; Fire Control Communication Cards, \$150k; Labor (Engineering and Manual Data Card Configuration), \$150k. Phase II, Task D Integration to Systems & Platforms:

Design and Integration Trade Studies, COTS Integration Analysis and Labor, \$450; Customer Specification Design Driven Travel to Platform Project Offices, \$50k. Phase III, On Demand Manufacturing and Fielding Requirements: 1st Order (500–1,000) Material, Manufacturing to Order and Ship to War Zone Delivery Costs, \$1.2M Estimated. The Army Aviation & Missile, Research, Development, and Engineering Center (AMRDEC) at Redstone Arsenal conducted initial tests and development activities, including Net Prototype Hardware, which passed a bench test in November 2007, and a range test February 26, 2008. 100 percent Effective vs. RPGs with 3 for 3 Intercept Negotiations. After summer briefings to Army and JIEDDO staff, additional Army tests funds have been committed by AMRDEC for 6 Tests in October 2008. The Army and JIEDDO have stated they want technology for Ground vehicles and rotor aircraft ASAP and will sponsor seed tests. If successful tests continue, this project could provide very near-term, very effective protection for helicopters and ground vehicles at a much lower cost than current efforts, thereby saving lives, equipment, and mission-time.

Request as named in the report: Collection Management Tool Development.

Requesting Member: CRAMER, ADERHOLT.

Bill Number: Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, amendment of the Senate to H.R. 2638 the Department of Homeland Security Appropriations Act 2008.

Account or Provision: Division C—Department of Defense Appropriations Act, 2009. Defense-Wide RDT&E; Budget line 999 Classified Programs.

Legal Name of Requesting Entity: DESE Research, Inc.

Address of Requesting Entity: 315 Wynn Drive, Suite 2, Huntsville, AL 35805.

Description of Request: \$1,440,000 to develop automated tools to assist analysts in identifying foreign technology intelligence collection requirements.

Request as named in the report: Space Control Test Capabilities.

Requesting Member: EVERETT, ADERHOLT, Rogers (AL).

Bill Number: Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, amendment of the Senate to H.R. 2638 the Department of Homeland Security Appropriations Act 2008.

Account or Provision: Division C—Department of Defense Appropriations Act, 2009. RDT&E—Air Force, Line 66 Counterspace Systems.

Legal Name of Requesting Entity: Davidson Technologies.

Address of Requesting Entity: 530 Discovery Drive, Huntsville, AL 35806.

Description of Request: \$1,600,000. The funding is for the continued development and accreditation of Space Control Test Capabilities to support the Air Force's requirement to integrate offensive and defensive space control elements into a single System-of-Systems counterspace system approach; specifically, to address the optimization of C<sup>2</sup> processes and resources, and to develop a cost assessment tool for the government to test space control systems in a simulated environment before costly hardware development begins. Space Control Test Capabilities supports the Air Force Space Control mission areas and mis-

sion support as outlined in the Air Force's "Strategic Master Plan for FY 2006 and beyond", the "Joint Doctrine for Space Operations (JP 3-14)", and the "Counterspace Operations (JP 2-2.1)". The SCTC software suite allows the warfighters the capability to develop net-centric System-of-Systems architecture-based C<sup>2</sup> models. Warfighters also have the ability to model Friend or Foe C<sup>2</sup> structures yielding the analysis of vulnerabilities and/or strengths. Based on funding of \$2,000,000, the spending plan would have been as follows, and will be adjusted to meet the final amount mentioned above. Engineering Salaries (including Software Engineering, Systems Engineering, Design, Requirements and Documentation, Test Engineering, and Configuration Management): 1,780,000; Software Licensing (Goes toward software accreditation process): \$10,000; Travel to Colorado Springs, AF Space Command: \$10,000; Government Pass-through Costs: \$200,000.

Request as named in the report: Protective Self-Decontaminating Surfaces.

Requesting Member: GRIJALVA, ADERHOLT.

Bill Number: Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, amendment of the Senate to H.R. 2638 the Department of Homeland Security Appropriations Act 2008.

Account or Provision: Division C—Department of Defense Appropriations Act, 2009. Defense Wide RDT&E Line 33, Chemical and Biological Defense Program—Advanced Development.

Legal Name of Requesting Entity: Ventana Research Corp. (VRC); and Kappler, Inc. (K, Inc).

Address of Requesting Entity: Ventana: 2702 South 4th Avenue, South Tucson, AZ 85713-4816; Kappler: 115 Grimes Drive, Guntersville, AL 35976-9364.

Description of Request: \$1,600,000 to complete research on and produce prototypes of protective self-decontaminating clothing for use by the warfighter and Homeland Security personnel. The following spend plan was adjusted to the House subcommittee figure of \$2,000,000, and will be adjusted to the House's final figure mentioned above. Ventana Research Corp: Labor, \$620,000; Materials \$60,000; Travel \$20,000. Government Performers: DOD Joint Program Management Office-Decon (Program Manager), \$170,000; Air Force Research Lab/RXQL (Test & Evaluation), \$200,000; Natick Soldier Res. Dev. & Eng. Center (ACD&P Manager), \$100,000. Kappler, Inc. (Protective Garments & Shelter Interiors), \$800,000; WPI Chemistry & Biochemistry Dept. (Consulting), \$30,000. Present decontamination processes against Chemical & Biological (CB) Agents are very labor intensive and time consuming requiring in many cases the use of expensive equipment and considerable down-times for applying the process. The advanced prototypes generated under this program will demonstrate the capability of providing immediate on-site protection applicable against multiple threats. The decontamination system will be much less manpower intensive, storage stable, environmentally safe, compatible with a wide variety of materials and protective gear and have the capability to penetrate and adhere to surfaces. It minimizes the need for complicated after-the-fact decontamination processes and maximizes recovery of critical military assets. The advanced prototypes produced and field test-

ed under this program will demonstrate a cost-effective protection technology for our military personnel and civilian population. The target completion date is 12/30/2010.

Request as named in the report: Vertical/Horizontal Integration of Space Technologies and Applications (VISTA).

Requesting Member: ADERHOLT.

Bill Number: Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, amendment of the Senate to H.R. 2638 the Department of Homeland Security Appropriations Act 2008.

Account or Provision: Division C—Department of Defense Appropriations Act, 2009 RDT&E—Army; Line 34 Command, Control, Communications Advanced Technology.

Legal Name of Requesting Entity: Global Security & Engineering Solutions/L-3 Communications.

Address of Requesting Entity: 654 Discovery Drive, Huntsville, AL 35806.

Description of Request: \$2,400,000 to the VISTA technology effort, to develop an application-based software program to integrate space and missile defense products and services with the tactical Army's Battle Command workstations using multi-agent and knowledge management technologies. When completed, this program will allow the warfighter to receive information on the battlefield from any U.S. asset, from any branch of the Armed Services, including satellite data. FY09 Congressional support will keep the program progressing and accelerate its delivery to the warfighter. The spend plan is as follows: Travel—\$50,000; ODCs (Hardware and Software procurement), \$50,000; Labor—\$2,300,000: Broken Down by Task: Requirements Definition \$225,000; Design \$300,000; Implementation \$350,000; Test \$350,000; Certification \$275,000; Event Participation (experiments, Army technology demonstrations, exercises and training events) \$450,000; Fielding to Warfighter \$350,000. The VISTA effort has demonstrated, in a laboratory Proof of Concept evaluation, automated space to specific unit threat warning capabilities across multiple networks. Missile Threat Warnings generated in the strategic Joint Data Network (JDN) were identified, analyzed and provided directly to the specifically threatened unit in the tactical Brigade and below network. These warnings were directly integrated with individually affected units equipped with either FBCB2 or C2PC Battle Command systems. This capability is being integrated into the Space and Missile Defense Battle Lab for experimentation during the fall of 2008. Additionally, this capability is in the planning and integration phases with the overall TITAN ATO effort with a planned demonstration at the Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) On-The-Move (OTM) test-bed, Ft. Dix New Jersey, during the summer of 2009. This demonstration of the VISTA Information Dissemination and Management (IDM) intelligent multi-agent system is being sponsored by Battle Command Battle Lab-Leavenworth (BCBL-L) in coordination with the SMD Technical Center (SMDTC), Space Division, as well as CERDEC Command and Control Directorate (C2D) under a spin out capability from the TITAN ATO. The VISTA intelligent multi-agent system is also being proposed by BCBL-L (Battle Command Battle Lab at Ft Leavenworth) as a capability to enhance Battalion

and below electronic warfare and IED Situational Awareness. The VISTA system would integrate WARLOCK (IED Sensor) systems with FBCB2 Battle Command systems. This potential VISTA spin-out capability has been briefed to the Army G-6/CIO and JIEDDO PMs by BCBL-L personnel. BCBL-L in coordination with SMDTC (SMDC Technical Center) has developed proposal to execute a two-year rapid prototyping of this capability into FBCB2. Congressional support will facilitate approval for the rapid prototype development. Based on progress to date, the DOD has decided to include this program in future budget requests, beginning with FY10.

Request as named in the report: Radiation Hardening Initiative.

Requesting Member: CRAMER, ADERHOLT.

Bill Number: Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, amendment of the Senate to H.R. 2638 the Department of Homeland Security Appropriations Act 2008.

Account or Provision: Division C—Department of Defense Appropriations Act, 2009. RDT&E—Army. Line 55 Army Missile Defense Systems Integration.

Legal Name of Requesting Entity: Analytical Services, Inc.

Address of Requesting Entity: 350 Voyager Way, Huntsville, Alabama 35806.

Description of Request: \$2,400,000 for a Radiation Hardening Initiative (RHI) to provide an integrated design suite enabling simpler yet comprehensive rad-hard analysis that can be performed earlier in the design of systems allowing for satisfaction of rad-hard requirements, reduced cost/risk and better schedule adherence. Approximately 90 percent of the funding is for salaries of researchers, engineers, and software developers. Approximately 10 percent is for software costs, including the purchase of some COTS to improve the analysis capability. Radiation hardening is not a requirement typically made at the local or state level. The programs that require this capability are typically national defense or space programs. Many planned assets remain vulnerable to radiation environments. The RHI will integrate four related technology areas: (1) RadHard Component Catalog. (2) Automated design environments for military systems. (3) Radiation transport and effects models, including natural and man-made radiation environments. (4) System-specific accredited modeling and simulation tools. The integrated RHI products will encapsulate a comprehensive rad-hard design approach that predicts mission performance and system cost through use of proven components and simulation-based design trades.

Request as named in the report: Autonomous Cargo Acquisition for Rotorcraft Unmanned Aerial Vehicles.

Requesting Member: CRAMER, ADERHOLT.

Bill Number: Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, amendment of the Senate to H.R. 2638 the Department of Homeland Security Appropriations Act 2008.

Account or Provision: Division C—Department of Defense Appropriations Act, 2009. RDT&E Army. Line 31 Aviation Advanced Technology.

Legal Name of Requesting Entity: Advanced Optical Systems, Inc. (AOS).

Address of Requesting Entity: 6767 Old Madison Pike, Suite 410, Huntsville, AL 35606.

Description of Request: \$2,400,000 to develop and demonstrate completely unmanned cargo pickup and delivery, leveraging current developments for manned systems. This project will provide the Aviation and Missile Command with the development and demonstration of fully unmanned cargo pickup and delivery for logistics supply and weapons placement. The Army is currently developing a system for manned rotorcraft that will eliminate the need for a ground crew in external cargo operations. A completely unmanned cargo pickup and delivery system is the next logical extension, but currently this operational need is unfunded. Unmanned cargo operations would help reduce aircrew losses in situations such as those our armed forces are currently experiencing in Iraq and Afghanistan. Numerous Army UAS would benefit from this technology, and the technology would be applicable to other DOD UAS. These systems could also become useful for emergency evacuation. The spend plan is as follows: Army in-house: 10 percent—\$240,000; In-house Labor: 60 percent—\$1,440,000; Local machine shops 5 percent—\$120,000; Local Radar subcontractor 15 percent—\$600,000. The Army will supply an unmanned rotorcraft, such as Fire Scout, A-160, or Unmanned Little Bird for testing. As a fallback, the Army may provide a manned helicopter for testing. The planned radar subcontractor is Phase IV of Huntsville, Alabama. Machine shops will provide custom hardware used in sensors, auto-attachment mechanisms, and for integration to the aircraft. Out of state vendors will supply parts such as lasers and computer chips.

Request as named in the report: Brownout Sensor Visualization and Hazard Avoidance System.

Requesting Member: CRAMER, ADERHOLT.

Bill Number: Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, amendment of the Senate to H.R. 2638 the Department of Homeland Security Appropriations Act 2008.

Account or Provision: Division C—Department of Defense Appropriations Act, 2009. Army RDT&E. Line 31 Aviation Advanced Technology.

Legal Name of Requesting Entity: Polaris Sensor Technologies, Inc.

Address of Requesting Entity: 200 Westside Square, Suite 320, Huntsville, AL 35801.

Description of Request: \$800,000 to lead a Visualization System for helicopters in OIF and OEF. Efforts include development and testing of a system of novel sensors and displays for mitigating the dangerous brownout phenomenon as helicopters land and takeoff. The system will enable the pilot to maintain situational awareness as the helicopter enters and maneuvers in brownout. This project builds upon R&D by the Aviation and Missile RDEC and for Aviation PEOs. The program will develop, integrate, and test the visualization system including the sensor, the synthetic scene algorithms, and displays. Testing will encompass synthetic fly-throughs and testing at the Blackhawk flight simulator facility at Redstone Arsenal as well as human factors studies to assess pilot performance improvement. At a funding level of \$1,000,000, the funds would be spent as follows; adjustments will be made to adapt to the final Congressional funding figure. The spend plan is approximately \$700,000 for salaries of engineers and researchers within Polaris, and \$100,000

for materials. The national significance of the Brownout Visualization System is the improved safety of our soldiers, flight crews, and support personnel, especially in environments such as Afghanistan and Iraq. In addition, the terrain mapping capability will improve intelligence gathering in high OPTEMPO regions.

Request as named in the report: Helicopter Reliability and Failure Analysis Center.

Requesting Member: CRAMER, ADERHOLT.

Bill Number: Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, amendment of the Senate to H.R. 2638 the Department of Homeland Security Appropriations Act 2008.

Account or Provision: Division C—Department of Defense Appropriations Act, 2009. Army RDT&E. Line 8 Aviation Technology.

Legal Name of Requesting Entity: University of Alabama Huntsville.

Address of Requesting Entity: 301 Sparkman Drive, VBRH M-11, Huntsville, AL 35899.

Description of Request: \$880,000 for a Center which would utilize Systems Engineering to help provide an understanding of failure mechanisms, failure modes and failure effects, of safety-critical and mission-critical parts for the DOD. The funding will be spent as follows, and the plan will be adjusted proportionally to adapt to the final Congressional dollar amount provided: Labor, \$221,000; equipment investment, \$645,000; travel, \$14,000. Work will combine nondestructive testing with math modeling and simulation to determine the most efficient use of physical tests. The findings of the failure analysis will identify "the condition" that forms the basis for condition-based maintenance. This work has great potential to reduce O&M costs for aviation, automotive, communications systems while increasing systems readiness. This project will help Army Program Managers reduce maintenance and logistical support costs and improve systems readiness for Army aviation, automotive, and communication weapons systems.

Request as named in the report: Air, Space and Missile Defense Architecture Analysis Program (A3P).

Requesting Member: ADERHOLT, ROGERS (AL).

Bill Number: Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, amendment of the Senate to H.R. 2638 the Department of Homeland Security Appropriations Act 2008.

Account or Provision: Division C—Department of Defense Appropriations Act, 2009. Army RDT&E. Line 57 Air and Missile Defense Systems Engineering.

Legal Name of Requesting Entity: Westar Aerospace & Defense Group, Inc.

Address of Requesting Entity: 890 Explorer Boulevard Huntsville, AL 35806.

Description of Request: \$1,200,000 which provides the digital modeling and simulation infrastructure for systems to defend high priority assets from attack by missiles (cruise and tactical). The funding will be used for salaries of engineers and analysts working on the project. The future Integrated Air and Missile Defense system will provide a lethal net-ready force with an increased span of control and a smaller deployment footprint. The smaller footprint will make sustainment in the field less expensive. The use of networked battle command and improved capabilities for situational

awareness and soldier training will dramatically increase overall system effectiveness, survivability and force protection.

Request as named in the report: Advanced Hypersonic Weapon Technology Demonstration.

Requesting Member: EVERETT, ADERHOLT.

Bill Number: Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, amendment of the Senate to H.R. 2638 the Department of Homeland Security Appropriations Act 2008.

Account or Provision: Division C—Department of Defense Appropriations Act, 2009. Army RDT&E. Line 55 Army Missile Defense Systems Integration.

Legal Name of Requesting Entity: Westar Aerospace & Defense Group, Inc.

Address of Requesting Entity: 890 Explorer Boulevard Huntsville, AL 35806.

Description of Request: \$2,400,000 to continue work on the AHW Tech Demo which reduces risk and flight test validates critical technologies required for prompt global strike. Funds will be used for salaries working on the technologies that are a part of this Prompt Global Strike support project. AHW would provide a ground-launched forward-deployed mid-term option to destroy time sensitive/high value targets at long distances. Critical technologies include Hypersonic Boost-Glide, TPS, precision NG&C, and the secure 2-way inflight communication required to enable the successful execution of the emerging USSTRATCOM mission for prompt global strike.

Request as named in the report: Army Responsive Tactical Space System Exerciser (ARTSSE).

Requesting Member: ADERHOLT, Cramer.

Bill Number: Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, amendment of the Senate to H.R. 2638 the Department of Homeland Security Appropriations Act 2008.

Account or Provision: Division C—Department of Defense Appropriations Act, 2009. Army RDT&E. Line 46 Missile and Rocket Advanced Technology.

Legal Name of Requesting Entity: J2 Technologies Inc.

Address of Requesting Entity: 4801 University Square, Suite 31, Huntsville, AL 35816-1815.

Description of Request: \$2,000,000 to provide the Hardware in the Loop test capability designed to address the need to define performance requirements, evaluate and execute ORS (Operationally Responsive Space) programs thus ensuring the warfighter's continued access to space. The funds will be used as follows: \$200,000 to support the Government Program Office Operations; \$150,000 to purchase lab equipment; with the remaining \$1,650,000 used to provide software and engineering support services, local or state matching funds. The ARTSSE capability, along with system flight testing, will fully address the existing need to define performance requirements, evaluate, and execute the Army Responsive Tactical Space Systems needed to ensure the warfighter's continued access to space.

Request as named in the report: Enhanced Rapid Tactical Integration and Fielding Systems (ERTIFS).

Requesting Member: ADERHOLT.

Bill Number: Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, amendment of the Senate to H.R. 2638 the Department of Homeland Security Appropriations Act 2008.

Account or Provision: Division C—Department of Defense Appropriations Act, 2009. Army RDT&E. Line 31 Aviation Advanced Technology.

Legal Name of Requesting Entity: PeopleTec.

Address of Requesting Entity: 4901-D Corporate Drive, Huntsville, AL 35805.

Description of Request: \$1,600,000 to support the development of new software, the purchase and testing of related hardware components, and related salaries, to accelerate the delivery of a prototype "plug-and-play" tool set that emulates weapon system functionality. Funding would be spent as follows: Approximately 90 percent allocated to engineering and related technical salaries for critical work on the Condition Based Maintenance efforts; approximately 5 percent allocated to material purchases; approximately 5 percent of the funds allocated to travel expenses. E-RTIFS will provide considerable cost savings and risk reduction for verifying and certifying interoperability of aviation systems with Future Force Battle Command Applications. It will be interoperable with the E-RTIFS environment and evolving CBM architectures currently under development in the ASIF (Aviation Systems Integration Facility).

Request as named in the report: Enhanced Rapid Tactical Integration and Fielding Systems (ERTIFS). Requesting Member: ADERHOLT.

Bill Number: Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, amendment of the Senate to H.R. 2638 the Department of Homeland Security Appropriations Act 2008.

Account or Provision: Division C—Department of Defense Appropriations Act, 2009. Army RDT&E. Line 31 Aviation Advanced Technology.

Legal Name of Requesting Entity: PeopleTec.

Address of Requesting Entity: 4901-D Corporate Drive, Huntsville, AL 35805.

Description of Request: \$1,600,000 to support the development of new software, the purchase and testing of related hardware components, and related salaries, to accelerate the delivery of a prototype "plug-and-play" tool set that emulates weapon system functionality. Funding would be spent as follows: Approximately 90 percent allocated to engineering and related technical salaries for critical work on the Condition Based Maintenance efforts; approximately 5 percent allocated to material purchases; approximately 5 percent of the funds allocated to travel expenses. E-RTIFS will provide considerable cost savings and risk reduction for verifying and certifying interoperability of aviation systems with Future Force Battle Command Applications. It will be interoperable with the E-RTIFS environment and evolving CBM architectures currently under development in the ASIF (Aviation Systems Integration Facility).

Request as named in the report: M65 Bismaleimide Carbon Fiber Prepreg.

Requesting Member: ADERHOLT, BISHO (UT), TAUSCHER.

Bill Number: Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, amendment of the Senate to H.R. 2638 the Department of Homeland Security Appropriations Act 2008.

Account or Provision: Division C—Department of Defense Appropriations Act, 2009. Navy RDT&E. Line 16 Force Protection Advanced Technology.

Legal Name of Requesting Entity: Hexcel Corporation.

Address of Requesting Entity: 3300 Mallard Fox Drive, Decatur, AL 35603.

Description of Request: \$1,600,000 to continue the work of qualification of M65 Bismaleimide resin for the F-22, F-35, Long Range Strike, UAV's and other future programs. Qualification consists of the generation of design allowable data that enables engineers to design aircraft. Labor and salaries will account for approximately 80 percent of the costs; materials 10-20 percent. The currently qualified BMI system on the F-22 and F-35 is a very low viscosity resin that exhibits a high percentage of resin flow during cure. This high resin flow results in excessive variability in the thickness of the cured structure. To account for this, parts manufacture either adds excess material and machine to final thickness or add shims during the assembly process. In some cases, a structure will be assembled and disassembled three or more times to achieve the desired tolerances. M65 is a controlled flow resin that does not exhibit high resin flow during cure. The controlled flow nature of M65 BMI resin will allow the manufacture of net thickness structures that will not need post manufacture, machining, or shimming. Other benefits of the system include faster processing rates using Advance Fiber Placement (AFP) and suitability for co-curing sandwich structures. The increase in fiber placement will reduce the number of man hours for parts manufacture as well as reduce the cost for new tooling. There would be significant cost reduction benefit from reduced assembly effort, increased processing speeds, longer out times, and simplified sandwich processing for current and future DOD aircraft programs. In addition, the elimination of shimming will result in reduced and consistent structural weight. Initial trials of the new M65 resin system have shown a 50 percent increase in the speed of part fabrication on the existing fiber placement machines. This could easily save \$60-80M in equipment cost alone, plus it will reduce the cost of the F-35 and F-22 parts by approximately 40 percent. Additionally, the ability to return to the large one piece parts, like the F-35 upper wing skin, will create a significant weight savings, which the F-35 program desperately needs. Finally, material cost savings would be realized by introducing M65 as a competitive, second source. The impact of savings can be derived from the F-18 example where 40 percent material cost savings were realized. Given the national security significance, it is also important to maintain U.S. skills in this process.

Request as named in the report: High Fidelity Virtual Simulation and Analysis

Requesting Member: ADERHOLT.

Bill Number: Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, amendment of the Senate to H.R. 2638 the Department of Homeland Security Appropriations Act 2008.

Account or Provision: Division C—Department of Defense Appropriations Act, 2009. Army RDT&E. \$1,600,000. Line.

Legal Name of Requesting Entity: Science Applications International Corporation, (SAIC).

Address of Requesting Entity: 6723 Odyssey Drive, Huntsville, AL 35806

Description of Request: \$1,600,000 to leverage concept development/research across the operational spectrum. Funds will

primarily be used for the salaries of engineers working on this project, with 10 percent or less possibly be used for hardware or software. The Lab cuts operational support timeline by using simulation-based analyses & experiments with man-in-the-loop. The System Simulation and Development Directorate (SSDD) of the Aviation and Missile Research Development and Engineering Center (AMRDEC) is continuing to upgrade the capability of the Advanced Prototyping, Engineering and eXperimentation (APEX) Laboratory and is extending the application of detailed engineering level simulations across external networks in order to maintain the leading edge in modeling and simulation technology. The HFVSA is enhancing the SSDD's APEX Laboratory's capability to support deployed Soldiers through leveraging of the lab's concept development and research across the entire spectrum of operational environments. A key linkage to leverage the aviation and missile models and simulations is the use of existing Army simulation networks connected to Users in the TRADOC community to provide engineering level models and simulations in sufficient detail to properly examine mission needs. The APEX Lab is working to reduce the timeline necessary to support current and future operations using distributed simulation-based analyses and experiments with man-in-the-loop. Future improvements will increasingly be focused on accurately representing today's fight while also ensuring that research & development efforts supporting current and future weapon systems are conducted within accurate and meaningful operational environments throughout the life-cycle. The HFVSA program will provide relevant solutions to existing and emerging operational challenges. It will provide the ability for commanders to prioritize and gain consensus through relevant studies and analyses of alternative concept solutions. HFVSA increases the level of engineering fidelity available to Battle Labs and consolidates engineering resources between simulation communities/domains.

Requesting Member: ADERHOLT.

Bill Number: Senate Amendment to H.R. 2638.

Provision/Account: Division D/Federal Emergency Management Agency.

Legal Name of Requesting Entity: "City of Rainbow City."

Address of Requesting Entity: 3700 Rainbow Drive, Rainbow City, AL 35906.

Description of Request: Provide \$1 million for urgent storm drainage improvements. The project would be one of several phases due to Rainbow City having widespread storm drainage issues. CDBG funding through ADECA has been applied for in the amount of \$500,000 to address drainage problems in the City's only low income area. With local funds alone, this overall project would be completed at a much slower pace. However, the City is prepared to include the 45 percent local match in the general budget. The project is not eligible for completion with state funds.

Requesting Member: ADERHOLT.

Bill Number: Senate Amendment to H.R. 2638.

Provision/Account: Division D/Coast Guard.

Legal Name of Requesting Entity: "Warrior Tombigbee Waterway Association".

Address of Requesting Entity: 250 No Water St., Mobile, AL 36652.

Description of Request: Provide \$4 million to the U.S. Coast Guard for the replacement of the CSX RR Bridge over Mobile River ordered by USCG Commandant as authorized under the Truman-Hobbs Act. Pending availability of funds, the design of the new bridge would be completed in November 2008 and ready for construction in FY 2009. The current estimated total cost of the project is \$75.5 million; the federal share is \$69.8 million. To date, the total amount of federal funds appropriated to this project has been \$48.4 million. The potential \$4 million appropriation would raise the amount of available federal funds to \$52.4 million; hence an additional \$17.4 million would be needed to complete the federal funding portion of the project presuming no increases in project cost before beginning construction.

The Fourteen Mile Bridge received an average of \$5.38M annually since fiscal year 2000. Progress is limited by availability of funds, inflationary pressures, and the significant increase in the cost of steel over the last several years. It is estimated that the construction duration for the new bridge will be two years.

Requesting Member: ADERHOLT.

Bill Number: Senate Amendment to H.R. 2638.

Provision/Account: Division D/Federal Emergency Management Agency.

Legal Name of Requesting Entity: "Center for Domestic Preparedness" (Federal Training Facility).

Address of Requesting Entity: 61 Responder Dr., Anniston, AL 36205.

Description of Request: Provide \$62.5 million for the Center for Domestic Preparedness which is located in Anniston, Alabama. It is a key training Federal facility operated by the Department of Homeland Security. It is the only weapons of mass destruction (WMD) training facility that provides hands-on training to civilian emergency responders which includes live chemical agents. The Center is a leading member of the National Domestic Preparedness Consortium. For Fiscal Year 2008, Congress provided \$62.5 million for the Center for Domestic Preparedness. In addition, the 9/11 Recommendations Implementation Act of 2007, which the President signed into law on August 3, 2007, included language that authorized increases in funding for the Center over a period of four years. (Sec. 1204, P.L. 110-53). The House Appropriations Committee bill recommended a funding level consistent with the president's budget. The Senate Appropriations Committee recommended last year's funding level of \$62.5 million. This bill contains the Senate amount.

Requesting Member: ADERHOLT.

Bill Number: Senate Amendment to H.R. 2638.

Provision/Account: Division D/Federal Emergency Management Agency.

Legal Name of Requesting Entity: "Jackson County Commission"

Address of Requesting Entity: Courthouse Suite 47, Scottsboro, Alabama 35768.

Description of Request: Provide \$90,000 to construct a transmitter to assist residents receiving notifications to their NOAA weather radios. This amount represents the entire cost of the transmitter. The funds will be used for the transmitter, coax, antenna, and installation.

## TRIBUTE TO MARILYN ALLENDER

### HON. TOM LATHAM

OF IOWA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. LATHAM. Madam Speaker, I rise today to recognize Marilyn Allender of Jefferson, Iowa as a new inductee into the Iowa 4-H Hall of Fame for her outstanding service and dedication to 4-H.

Counties select inductees for their exceptional work in contributing to the lives of 4-H members and the overall 4-H program. Many inductees served either as club leaders, youth mentors, or financial supporters. These people must have demonstrated dedication, encouragement and commitment.

Marilyn Allender was a 7 year member of 4-H, a leader for 15 years, and has been a judge at all levels (local, achievement shows, county fairs and state fairs) for 55 years total, and she is still active within the program. She has participated at the county level by serving as a chaperone for several events, ranging from a local trip to Des Moines, to going along on the Washington, D.C. trip. In 2002, she received the Greene county 4-H Alumni Award for her many years of varied and extensive service to the program. A local spokesperson said this of Marilyn, "Her positive, caring, and encouraging attitude helped youth to truly make the best better by achieving the very best that they are capable of."

I congratulate Marilyn Allender on her well-deserved award, and I'm certain that she will continue to touch the lives of many people in her community and remain active in the 4-H club. It is a great honor to represent Marilyn in the United States Congress, and I wish her the best.

## HONORING STEVEN JOSHUA MAURIN

### HON. SAM GRAVES

OF MISSOURI

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. GRAVES. Madam Speaker, I proudly pause to recognize Steven Joshua Maurin of Kansas City, Missouri. Steven is a very special young man who has exemplified the finest qualities of citizenship and leadership by taking an active part in the Boy Scouts of America, Troop 1260, and earning the most prestigious award of Eagle Scout.

Steven has been very active with his troop, participating in many Scout activities. Over the many years Steven has been involved with Scouting, he has not only earned numerous merit badges, but also the respect of his family, peers, and community.

Madam Speaker, I proudly ask you to join me in commending Steven Joshua Maurin for his accomplishments with the Boy Scouts of America and for his efforts put forth in achieving the highest distinction of Eagle Scout.