

ADDENDUM

**Senator Robert F. Bennett Appropriation Disclosure Requirements
Fiscal Year 2010**

Under the new disclosure requirements announced at the beginning of the 111th Congress by the Senate and House Appropriations Committees, all Members of Congress are required to post on their websites each appropriations request they submit to the respective subcommittees. The information must include an explanation of the project, a justification for the request, and the requesting entity.

Senator Bennett is requiring any entity seeking federal funding to sign, date, and return this form to his office by April 6, 2009. By signing below, the requesting entity acknowledges that each Fiscal Year 2010 Appropriations Request form submitted to Senator Bennett's office, along with this addendum, will be posted on the senator's website in compliance with the new practice of the committee, and will therefore be available to the public. By signing this addendum, the requesting entity also acknowledges that the corresponding appropriations request is a priority for the city, county, council, or other organization that it represents. Each request will continue to be thoroughly reviewed by Senator Bennett's office and by the staff of the Appropriations Committee.

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Note: A signed addendum must be returned for **each appropriations request submitted** for Fiscal Year 2010.

Project Name: A-10 Wing Replacement Program

Head of the organization making request: Name: CHARLES T. ROBERTSON JR

Title: VP Maintenance, Mods, Upgrades,
The Boeing Company

Signature: CT Robertson

Date: 31 MARCH 09

Senator Robert Bennett FY2010 Defense Authorization and Appropriation Request Form

If submitting multiple requests:	Priority #	3	of	3		Date:	March 6, 2009
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Company/organization:		The Boeing Company					
Address where majority of the work is to be performed:		Boeing, Saint Louis, and Boeing Macon, Georgia, but work will begin moving to Hill – Ogden ALC in 2010.					
City:		State:		Zip:			
Corporate point of contact:	Mark Haaland						
Phone:		Email:					
Lobbyist point of contact	Mark Haaland						
Phone:		Email:					

Project name:		A-10 Wing Replacement Program					
Is this a request for an appropriation, authorization, or both?		This request recommends support for the Air Force request for the A-10 Wing Replacement Program with the defense appropriation and defense authorization.					
Proposed funding agency:		Air Force					
Account:	Aircraft Procurement, Modification of In-service Aircraft	Budget line number [from DoD exhibit O-1, P-1, or R-1]:			Line 28		
Line title:	A-10	Program Element number:			N/A		
Is this project funded in the President's budget request? (Yes or No):		Yes	If yes, amount:	\$ TBD			
Funding request:		Support Air Force budget request.					
Is the project in a Service Chief's Unfunded Priority or Unfunded Requirements List? (Yes or No):		TBD					
If yes, ranking:	TBD	Amount:	TBD				

DoD or service program manager:		Colonel Howard C. Davis			Phone:	
Office name:	538 th Aircraft Sustainment Group			Email:		
Other DoD point of contact/advocate:					Phone:	
Office name:				Email:		

Purpose of project (limit to 250 words) and be as accurate and concise as possible– this language will be shared with the Senate Appropriations Committee. You may also submit a separate white paper with more detail on the project):

The A-10 Warthog is a very capable Close Air Support aircraft. Highly survivable, the A-10 can loiter near battle areas, maneuvering at low air speeds and providing highly accurate weapons delivery for extended periods. The aircraft's extended combat radius and short takeoff and landing capability permit operations in and out of austere locations near the front lines.

The A-10 Wing Replacement Program will build 242 new wings to replace all thin-skin A-10 wings. The new wing will include several major wing components: pods, tips, flight controls, and fuel, hydraulic and electrical lines. A-10 replacement wings will also incorporate reliability and maintainability improvements to known fatigue critical locations. The replacement wings will be

produced by Boeing at Macon, GA and installed at the Air Force Air Logistics Center at Ogden, UT.

Supporting the Air Force budget request will help ensure serviceable wings throughout the production period, allowing the Air Force to maintain adequate flight operations during this critical period in the War on Terrorism.

Does the request meet an official DoD or service requirement? If so, cite official requirement documents and attach copies if available.

A-10 Wing Replacement Program is a program of record with the Air Force.

Proposed bill and/or report language requested:

None.

Please list industry, academic, and government partners:

Boeing, Saint Louis, MO; and Boeing, Macon, GA

KAI

Hill – Ogden ALC

Kitco – a small business in UT

Will this request be submitted to other Senate or House offices? If so, please list:

Senator Hatch

Representative Bishop

Have, or will, committee staff be approached regarding this project? If so, please list staff member AND committee.

SAC-D: Ms. Ellen Maldonado at a date to be determined.

SASC: Mr. Creighton Greene at a date to be determined.

Has funding previously been requested for this project?	Last year, FY 2009, the Air Force included A-10 Re-wing in their URL and Boeing recommended support the URL requirement.
If yes, please fill out the following table as far as applicable	
Year and amount requested	Was funding provided? If so, amount:
FY 2009 – Requested \$88M in support of Air Force URL.	The Senate Appropriations Committee did not support the plus-up recommendation, but did support the Air Force budget request for the A-10 Wing Replacement Program.

Please provide a budget breakdown for the amount requested, including locations where funding will be spent:

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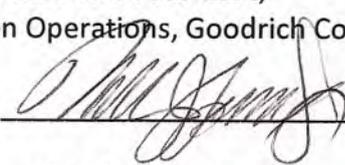
Going forward, Senator Bennett will continue to work to represent Utah's interests by ensuring Utah's priorities are adequately represented with congressionally directed spending.

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Project Name: _____ ACES 5 Ejection Seat _____

Head of the organization making request: Name: _____ Bill Lennox _____

Title: _____ Senior Vice President,
Washington Operations, Goodrich Corporation

Signature: _____  _____

Date: _____ March 26, 2009 _____

Senator Robert Bennett FY2010 Defense Authorization and Appropriation Request Form

If submitting multiple requests:	Priority #	1	of	1		Date:	February 26, 2009
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Company/organization:		Goodrich Corporation					
Address where majority of the work is to be performed:		Hurricane, Hurricane Mesa Test Facility, P.O. Box 1218					
City:	Hurricane			State:	UT	Zip:	84737
Corporate point of contact:		Krister Holladay					
Phone:					Email:		
Lobbyist point of contact		Same as above					
Phone:					Email:		

Project name:		ACES 5 Ejection Seat					
Is this a request for an appropriation, authorization, or both?		Appropriation and authorization					
Proposed funding agency:		Department of Defense, US Air Force					
Account:	Air Force RDT&E			Budget line number [from DoD exhibit O-1, P-1, or R-1]:		75	
Line title:		Life Support Systems		Program Element number:		0604706F	
Is this project funded in the President's budget request? (Yes or No):			No	If yes, amount:		\$	
Funding request:			\$ 7 million				
Is the project in a Service Chief's Unfunded Priority or Unfunded Requirements List? (Yes or No):			TBD				
If yes, ranking:				Amount:		\$	

DoD or service program manager:		Rich Robichaud			Phone:		
Office name:	SAF/AQPC (A-Team), Combat Support and Joint Counterair Division			Email:			
Other DoD point of contact/advocate:					Phone:		
Office name:				Email:			

Purpose of project (limit to 250 words) and be as accurate and concise as possible— this language will be shared with the Senate Appropriations Committee. You may also submit a separate white paper with more detail on the project):

The Advanced Common Ejection Seat (ACES) is the common ejection seat found on almost every Air Force combat aircraft, including the F-22, F-15, F-16, F-117, A-10, B-1 and B-2. The ACES system has saved more than 500 pilots since the 1970's. ACES 5, can accomplish substantial operations and maintenance cost savings for the Air Force's stealth aircraft to include the B-2, F-22, and F-35. By virtue of the seat's modularity,

maintenance personnel can rapidly and efficiently remove seats for repair in four separate parts without the need for escape hatch removal in the case of the B-2 or canopy removal in the case of the F-22. With this modular capability, the aircraft's stealthy skin is not disturbed, thereby saving tens of thousands of dollars per operational or depot level maintenance inspection. Additional benefits include a dramatic decrease in man-hours to perform seat maintenance, which significantly reduces maintenance downtime and enables increased mission readiness rates for the aircraft. Savings would be further increased by leveraging a uniform family of modular ejection seats to minimize maintenance training costs. See also attached budget fact paper.

Does the request meet an official DoD or service requirement? If so, cite official requirement documents and attach copies if available.

Yes, see attached memo from Air Combat Command to 77 AESG/CC

Proposed bill and/or report language requested:

The Committee recognizes that ACES Modular Ejection Seats, which shall hereafter be known as ACES 5, can accomplish substantial operations and maintenance cost savings for the Air Force's stealth aircraft to include the B-2, F-22, and F-35. By virtue of the seat's modularity, maintenance personnel can rapidly and efficiently remove seats for repair in four separate parts without the need for escape hatch removal in the case of the B-2 or canopy removal in the case of the F-22. With this modular capability, the aircraft's stealthy skin is not disturbed, thereby saving tens of thousands of dollars per operational or depot level maintenance inspection. Additional benefits include a dramatic decrease in man-hours to perform seat maintenance, which significantly reduces maintenance downtime and enables increased mission readiness rates for the aircraft. Savings would be further increased by leveraging a uniform family of modular ejection seats to minimize maintenance training costs.

To achieve these identified cost and time saving benefits, as well as ensure a strong US ejection seat industrial base, the Committee directs the Air Force to complete development and qualification of the ACES 5 family of ejection seats and to integrate this capability into fifth generation fighters and future bomber aircraft.

Please list industry, academic, and government partners:

Air Force

Will this request be submitted to other Senate or House offices? If so, please list:

Yes, Cong. Lamborn, Cong. Pastor, Cong. Tauscher, Senators: Udall, Bennett (CO), Hatch, Wicker, Cochran, Dodd, Lieberman

Have, or will, committee staff be approached regarding this project? If so, please list staff member AND committee.

Yes, SASC staff (Creighton Greene and Greg Kiley) and HASC staff (John Sullivan and Lynne Williams) were briefed in 2008. Appropriate HASC and SASC staff will be updated this year.

Has funding previously been requested for this project?	Yes
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If yes, please fill out the following table as far as applicable

Year and amount requested	Was funding provided? If so, amount:
FY2009, \$12 million	\$5.6 million provided
FY2008, 12 million requested	\$1 million provided
FY2007	\$1.7 million provided
FY2006	\$1.7 million provided
FY2005	\$1 million provided

Please provide a budget breakdown for the amount requested, including locations where funding will be spent:

\$7 million will provide for qualification and validation testing of the ACES 5 seat. The majority of the funds will be spent by the Air Force on the tests which will be done at the Hurricane Mesa test facility in Utah.

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Project Name: Advanced Radiological Threat Imaging Technology

Head of the organization making request: Name: Robert H. Kluge

Title: President, X-Ray Products

Signature: RA Kluge

Date: 3-27-09

Senator Robert Bennett FY2010 Defense Authorization and Appropriation Request Form

If submitting multiple requests:	Priority #	1	of	1		Date:	March 4, 2009
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Company/organization:		Varian Medical Systems					
Address where majority of the work is to be performed:		(final product) 1678 S. Pioneer Rd.					
City:	Salt Lake City			State:	UT	Zip:	84104
Corporate point of contact:		Robert Kluge, President, X-Ray Products					
Phone:					Email:		
Lobbyist point of contact		John Dutton					
Phone:					Email:		

Project name:		Advanced Radiological Threat Imaging Technology					
Is this a request for an appropriation, authorization, or both?		Appropriation					
Proposed funding agency:		DoD, U.S. Air Force Research Laboratory					
Account:	Defense-Wide RDT&E			Budget line number [from DoD exhibit O-1, P-1, or R-1]:		R-1, Line 20	
Line title:	Aerospace Technology Dev./Demo, AFRL/RXQF			Program Element number:		62102F	
Is this project funded in the President's budget request? (Yes or No):				No	If yes, amount:	\$	
Funding request:				\$ \$7.1 million			
Is the project in a Service Chief's Unfunded Priority or Unfunded Requirements List? (Yes or No):				no			
If yes, ranking:				Amount:	\$		

DoD or service program manager:		Timothy J. Shelley, Ph.D			Phone:	
Office name:	Air Force Research Laboratory			Email:		
Other DoD point of contact/advocate:					Phone:	
Office name:				Email:		

Purpose of project (limit to 250 words) and be as accurate and concise as possible— this language will be shared with the Senate Appropriations Committee. You may also submit a separate white paper with more detail on the project):

High-energy x-ray screening using mercuric iodide (HgI₂) is capable of penetrating containers, suspect packages, and objects of unknown origin to generate quality images in seconds. X-ray sources are readily available and rugged enough to be carried into the field. However, current "imaging sensors" are fragile and environmentally sensitive to vibration and temperature, limiting the ability to use them in the field. We are proposing to research and eventually manufacture imaging sensors that are low cost, rugged, and environmentally more stable. Our films also require a lower x-ray energy dose while providing higher resolution images. These advantages make it possible to provide Force Protection through enhanced x-ray

threat detection that is portable, lighter weight, and cost effective.

As of the end of December 2008, 100 Salt Lake employees were dedicated to this flat panel business. Their salaries alone directly contribute over \$5 million per year to the local Utah economy. The flat panel business component originated in Salt Lake in 1998 from zero sales and zero employees. The digital X-ray imaging technology developed by Varian in 1998 largely resulted from government funded, high risk, high payoff research and development provided under the DARPA Technology Reinvestment Program from 1994 through 1998.

Force Protection benefits include: Portable x-ray inspection of CBRNE threats, gate guard inspection of vehicles, inspection of cargo packages & containers, enhanced medical imaging with lower x-ray dosage, and potential Robotic screening of aircraft, vehicles, and people.

Does the request meet an official DoD or service requirement? If so, cite official requirement documents and attach copies if available.

no

Proposed bill and/or report language requested:

The Committee appropriates \$7.1M only for an industry based research program for advanced radiological threat imaging technology utilizing thin film HgI₂ to achieve improved threat detection through a reduction in size, weight, and x-ray dose over current systems, as well as improved image resolution.

Please list industry, academic, and government partners:

The research for this project would be jointly conducted by Varian Medical Systems and Constellation Technology Corporation

Will this request be submitted to other Senate or House offices? If so, please list:

Rep. C.W. Bill Young (FL 10th)

Have, or will, committee staff be approached regarding this project? If so, please list staff member AND committee.

Has funding previously been requested for this project?

no

If yes, please fill out the following table as far as applicable

Year and amount requested

Was funding provided? If so, amount:

Please provide a budget breakdown for the amount requested, including locations where funding will be spent:

The FY10 funding would be split equally between Varian Medical Systems and Constellation Technology Corporation (located in Florida) with approximately 64% for the labor costs of the involved scientist and engineers developing this high risk/high payoff technology and approximately 34% for the supplies and materials required for this whole process. Essential travel costs supporting these efforts would be less than 2% of the total.

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Project Name: Advanced Ship Self Defense Technology Testing

Head of the organization making request: Name: R. Scott Forney III

Title: **Division Vice President
General Atomics
Electromagnetic Systems Division**

Signature:  _____

Date: 3-26-09

Senator Robert Bennett FY2010 Defense Authorization and Appropriation Request Form

If submitting multiple requests:	Priority #	1	of	2		Date:	3/4/09
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Company/organization:		General Atomics					
Address where majority of the work is to be performed:		16969 Mesamint St					
City:	San Diego			State:	CA	Zip:	92121
Corporate point of contact:		Scott Forney					
Phone:					Email:		
Lobbyist point of contact:		Stephen Moffitt					
Phone:					Email:		

Project name:		Advanced Ship Self Defense Technology Testing					
Is this a request for an appropriation, authorization, or both?		Appropriations					
Proposed funding agency:		Navy					
Account:	RDT&E			Budget line number [from DoD exhibit O-1, P-1, or R-1]:		75	
Line title:		Directed Energy and Electric Weapon Systems		Program Element number:		0603925N	
Is this project funded in the President's budget request? (Yes or No):			No	If yes, amount:		\$	
Funding request:			\$ \$7,400,000				
Is the project in a Service Chief's Unfunded Priority or Unfunded Requirements List? (Yes or No):			No				
If yes, ranking:				Amount:		\$	

DoD or service program manager:		Captain Dave Kiel			Phone:		
Office name:	Naval Sea Systems Command			Email:			
Other DoD point of contact/advocate:					Phone:		
Office name:				Email:			

Purpose of project (limit to 250 words and be as accurate and concise as possible— this language will be shared with the Senate Appropriations Committee. You may also submit a separate white paper with more detail on the project):

U.S. Navy ships are operating in the littorals around the globe more frequently than ever before in modern history yet defensive weapon systems employed in this challenging environment have not significantly changed in over 25 years. Operations in coastal waters introduce significant challenges for naval vessels: small, high speed boats using increasingly sophisticated technology and tactics; shore based anti-ship cruise missiles;

and resurgence in piracy and weapons smuggling. These evolving threats in a vastly different environment demand the development of ship self defense technology that provides greater mobility, flexibility, range and lethality than today's systems.

The Advanced Ship Self Defense Technology Testing project will utilize the results obtained in the initial funding to develop the full scale system ready for testing and, upon successful testing, transition to a production ready capability. The development of the full scale electromagnetic (EM) launcher system, inclusive of the mobile power supply, energy storage, guidance and control systems and loading systems will provide the Navy with a fully demonstrated and testing capability to meet these emerging threats. This EM launcher system application is based upon the Navy's EM Launcher System, but adapted to meet a vastly different threat environment and requirements. These portable systems would complement current self defense systems and provide a significant improvement in ship defense against high speed small boats and even anti-ship cruise missiles.

Does the request meet an official DoD or service requirement? If so, cite official requirement documents and attach copies if available.

This program is designed to provide the development and testing of a new era of self defense capability for not only combatant ships but all US Navy ships. The development of a small (3-5MJ) portable electromagnetic rail gun with a mobile power supply capability and the requisite energy storage and loading systems to support ship self-defense missions could provide a significant improvement in protection against small boats and anti-ship cruise missile threats. The significant advantage is the ability to react more quickly, engage at greater distances with increased lethality. The effort proposed is to provide the funds necessary to continue testing of a small prototype rail gun system at an appropriate DoD test facility to demonstrate this unique capability. These funds would also allow for the initial development of the proposed final configuration system that would also be tested at a DoD facility before being put on a Craft of Opportunity for at-sea testing.

Proposed bill and/or report language requested:

N/A

Please list industry, academic, and government partners:

N/A

Will this request be submitted to other Senate or House offices? If so, please list:

Senator Hatch
Representative Bishop

Have, or will, committee staff be approached regarding this project? If so, please list staff member AND committee.

N/A

Has funding previously been requested for this project?	Yes
If yes, please fill out the following table as far as applicable	
Year and amount requested	Was funding provided? If so, amount:
FY 09 requested \$7,200,000	FY 09 Funded at \$4,000,000

Please provide a budget breakdown for the amount requested, including locations where funding will be spent:

<p>Budget breakdown</p> <p>40 percent labor 40 percent material 20 percent testing</p> <p>Location of work to be performed:</p> <p>70 percent California 30 percent Utah</p> <p>While this figure is low for Utah it is the beginning of an expansion by General Atomics in Utah.</p>

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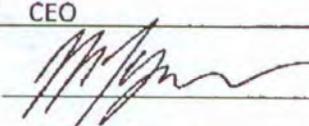
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Project Name: Arc Fault Circuit Breaker (AFCB) with Arc Location System

Head of the organization making request: Name: Michael Haugen

Title: CEO

Signature: 

Date: March 25, 2009

Senator Robert Bennett FY2010 Defense Authorization and Appropriation Request Form

If submitting multiple requests:	Priority #	1	of	1		Date:	3-4-09
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Company/organization:		Live Wire Test Labs, Inc.					
Address where majority of the work is to be performed:		5330 South 900 East, Suite 150					
City:	Salt Lake City			State:	Utah	Zip:	84117
Corporate point of contact:		Cynthia Furse, Chief Scientist					
Phone:					Email:		
Lobbyist point of contact		James C. Barker, James C. Barker, PC, 2526 L St. NW, Wash. DC 20037					
Phone:					Email:		

Project name:		Arc Fault Circuit Breaker (AFCB) with Arc Location System					
Is this a request for an appropriation, authorization, or both?		Appropriation					
Proposed funding agency:		Navy					
Account:					Budget line number [from DoD exhibit O-1, P-1, or R-1]:		
Line title:					Program Element number:		
Is this project funded in the President's budget request? (Yes or No):					If yes, amount:		\$ -
Funding request:				\$ 4,290,000			
Is the project in a Service Chief's Unfunded Priority or Unfunded Requirements List? (Yes or No):				no			
If yes, ranking:				Amount:		\$	

DoD or service program manager:		Bob Ernst, Head of Aging Aircraft Program			Phone:		
Office name:	Aging Aircraft			Email:			
Other DoD point of contact/advocate:		na			Phone:		
Office name:				Email:			

Purpose of project (limit to 250 words) and be as accurate and concise as possible— this language will be shared with the Senate Appropriations Committee. You may also submit a separate white paper with more detail on the project):

The US Navy reports that it spends 7.3 maintenance hour per flight hour on wiring alone, experiences an average of 2 in flight fires per month, and had over 1100 mission aborts in on year. Intermittent electrical faults cause many in-flight problems including fires, loss of control, and a host of other inaccurate electrical responses. Arc fault circuit breakers (AFCB) have been developed to reduce the damage caused by these intermittent faults, including the in flight fires, but their widespread deployment in the fleet is limited by maintenance concerns about how to locate and fix the intermittent fault that caused the breaker to trip. Traditional circuit breakers leave large faults that are easy to find; AFCBs leave

small, nearly invisible faults that are difficult to locate. Arc fault LOCATION technology will be integrated with AFCBs arc fault DETECTION technology to enable their widespread deployment and use. This will improve safety, mission readiness, as well as significantly decrease electrical system maintenance costs. See white paper as well.

Does the request meet an official DoD or service requirement? If so, cite official requirement documents and attach copies if available.

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Proposed bill and/or report language requested:

The Committee increases the Navy's Aviation Improvements Account by \$4,290,000 for the Arc Fault Circuit Breaker with Arc Location System. (usually done within a "Table")

Please list industry, academic, and government partners:

Live Wire Test Labs, Inc. SLC, Utah

University of Utah Center for Excellence for Smart Sensors
Utah State University

Sensata Corporation

Will this request be submitted to other Senate or House offices? If so, please list:

Senator Hatch

Congressman Matheson

Have, or will, committee staff be approached regarding this project? If so, please list staff member AND committee.

Not determined , LWTL's seeks guidance.

Has funding previously been requested for this project? Yes	
If yes, please fill out the following table as far as applicable	
Year and amount requested	Was funding provided? If so, amount:
FY09 \$5,290,000	\$1,000,000
FY08 \$3,050,000	\$800,000
FY07 \$4,400,000	\$1,400,000
FY2006 \$850,000 received through the Air Force SBIR Program (not congressionally directed)	
FY2005 Grant Research funds provided by the FAA for \$1,200,000 (not congressionally directed)	

Please provide a budget breakdown for the amount requested, including locations where funding will be spent:

Amount (thousands)	Purpose	Location
140	Planning and Reporting	Utah
800	Hardware/Software Prep for Flight Qualification, Live Wire	Utah
650	Integration and Flight Qualification Testing, Sensata	MA
900	Ground-Based Tests, Preparation and Analysis	UT, NM, NJ, WA, OH, MD, MA
1,000	In-Flight Tests, Preparation and Analysis	UT, TBD – location selected with NAVAIR based on asset availability
800	NAVAIR Direction, Oversight, Test Setup, etc.	MD
4,290		

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Fiscal Year 2010**

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Note: A signed addendum must be returned for **each appropriations request submitted for Fiscal Year 2010.**

Project Name: Army Force Generation Synchronization Tool

Head of the organization making request: Name: Keith Vadas

Title: President & CEO

Signature: Keith Vadas

Date: MARCH 30, 2009

Senator Robert Bennett FY2010 Defense Authorization and Appropriation Request Form

If submitting multiple requests:	Priority #		of		Date:	March 5, 2009
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Company/organization:		ProModel Corporation					
Address where majority of the work is to be performed:		556 East Technology Ave.					
City:	Orem	State:	Utah	Zip:	84097		
Corporate point of contact:	Keith Vadas						
Phone:		Email:					
Lobbyist point of contact	Kevin Kelly						
Phone:		Email:					

Project name:		Army Force Generation Synchronization Tool					
Is this a request for an appropriation, authorization, or both?		Appropriation					
Proposed funding agency:		DoD					
Account:	O&M, A	Budget line number [from DoD exhibit O-1, P-1, or R-1]:			Budget Activity #: 01, Sub-activity # ID: 113		
Line title:	Echelons Above Brigade	Program Element number:					
Is this project funded in the President's budget request? (Yes or No):		No	If yes, amount:	\$			
Funding request:		\$ 5,000,000					
Is the project in a Service Chief's Unfunded Priority or Unfunded Requirements List? (Yes or No):		Waiting on Unfunded Requirements List to be Released					
If yes, ranking:		Amount:	\$ Program Manager trying to get Project on the List				

DoD or service program manager:		Fred Rawcliffe			Phone:	
Office name:	US Army Forces Command, Headquarters			Email:		
Other DoD point of contact/advocate:					Phone:	
Office name:				Email:		

Purpose of project (limit to 250 words and be as accurate and concise as possible— this language will be shared with the Senate Appropriations Committee. You may also submit a separate white paper with more detail on the project):

Because of the US Army's pressing need to enhance its capability to develop more precise predictive estimates of the people, equipment and training needed to fight the Global War on Terror, ProModel requests additional funding to expand the use of the AST.

Does the request meet an official DoD or service requirement? If so, cite official requirement documents and attach copies if available.

In 2006 ProModel was tasked by US Army Forces Command (FORSCOM) to provide a technology solution based on its industry leading COTS software platform. After a successful proof of principle, ProModel competed and won the multiyear contract as a small business to provide the solution. The solution enables the Army to capture the ARFORGEN process in software, providing decision makers the ability to rapidly create Courses of Action (COA's) and predict the impact of their decisions on key metrics such as "Dwell" and "Boots on Ground". The ability through automation to run "what if's" to assess risk on readiness is recognized as a key priority for the Army and the Joint Forces. To date FORSCOM is using the ProModel ARFORGEN Synchronization Tool (AST) to quickly assess the impact of the surge, and major policy initiatives associated with extending and drawing down current Active and Reserve Component forces on the ground. The AST has provided a unique capability to quickly visualize the impact of today's sourcing decisions on the Army's capability to sustain operations in the future and to synchronize associated resources and training.

In accordance the General Casey's Jan 19th, 2009 Memo titled Institutional Adaption and Army Transformation "The Army will improve how we execute ARFORGEN by revising the model for institutional support of the ARFORGEN process. AST is the decision support platform used to manage the ARFORGEN process. Out-year synchronization of ARFORGEN equipping manning, training and resourcing functions is reaching an impasse. Generating Force efforts are not synchronized with home station training and readiness needs; lack of synchronization impacts unit readiness and impacts meeting the flow into Operation Enduring Freedom and Operation Iraqi Freedom. Currently there are no funds to enhance current capability, the ARFORGEN Synchronization Tool (AST), or to implement requirements in the Army's concept of "continuous ARFORGEN."

This funding/project directly serves the warfighter. This software manages the rotation of those troops and other military personnel currently in the field. It helps the Army determine how long to rest troops (Brigade level), and when they need new training cycles as well as equipment resets. Most importantly, it allows to the Army to manage and plan these scenarios well into the future – this gives troops, their families and employers (in the case of Guard/Reserves) significantly more notice of deployment cycles and down periods. In the past, the uncertainty of such decisions and decision reversals on short notice were major stressors on military families – this software reduces significantly such stresses. With limited deployment of the current software FORSCOM has already seen benefit and ROI from the technology by reducing hundreds of man-hours in producing key products for decision makers and enabling more rapid, higher quality response to an unlimited number of "what if's" being asked by senior leadership.

Proposed bill and/or report language requested:

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Please list industry, academic, and government partners:

Fred Rawcliffe, AST Program Manager HQ FORSCOM G3 Plans, Army Modeling & Simulation (AM&S) (404)464-7475
DSN 367 FT McPherson, GA 30330

Will this request be submitted to other Senate or House offices? If so, please list:

Senator Hatch, Senator Casey, Senator Stabenow, Senator Casey, Congressman Dingell, Congressman Dent,
Congressman Chaffetz, Congressman Bishop

Have, or will, committee staff be approached regarding this project? If so, please list staff member AND committee.

No

Has funding previously been requested for this project?	Yes
If yes, please fill out the following table as far as applicable	

Year and amount requested	Was funding provided? If so, amount:
FY 2009: \$5,000,000	\$2,000,000

Please provide a budget breakdown for the amount requested, including locations where funding will be spent:

\$4.25 Million for further development and upgrades to ARFORGEN Synchronization Tool

\$750,000 for ARFORGEN Synchronization Tool Maintenance

Most of the work will be done at our Pennsylvania and Michigan facilities. However, most of ProModel's employees are based in the Orem, Utah facility and this funding and subsequent work will directly impact the Utah facility.

ADDENDUM

Senator Robert F. Bennett Appropriation Disclosure Requirements Fiscal Year 2010

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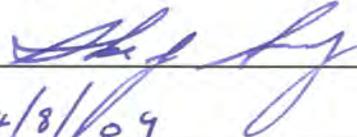
Going forward, Senator Bennett will continue to work to represent Utah's interests by ensuring Utah's priorities are adequately represented with congressionally directed spending.

Note: A signed addendum must be returned for **each appropriations request submitted** for Fiscal Year 2010.

Project Name: [Automated Aerial Refueling Relative Navigation \(AAR/RelNav\)](#)

Head of the organization making request: Name: Jim Myers

Title: V.P. G.M.

Signature:  for Jim Myers

Date: 4/8/09

Senator Robert Bennett FY2010 Defense Authorization and Appropriation Request Form

If submitting multiple requests:	Priority #	2	of	4
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Date:	March 6, 2009
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Company/organization:		Northrop Grumman Corporation			
Address where majority of the work is to be performed:		2211 West North Temple			
City:	Salt Lake City	State:	UT	Zip:	84116
Corporate point of contact:		David Miller			
Phone:		Email:			
Lobbyist point of contact:		Erin Pierce, Director of Legislative Affairs			
Phone:		Email:			

Project name:		Automated Aerial Refueling Relative Navigation (AAR/RelNav)			
Is this a request for an appropriation, authorization, or both?		Both			
Proposed funding agency:		Air Force			
Account:	RDT&E, Air Force	Budget line number [from DoD exhibit O-1, P-1, or R-1]:		54	
Line title:	Advanced Component Development and Prototypes, (ACD&P), Automated Air-to-Air Refueling	Program Element number:		0604830F	
Is this project funded in the President's budget request? (Yes or No):		Yes	If yes, amount:	TBD - expected to be \$44.448 million for FY 2010 based on the FY 2009 budget	
Funding request:		\$49.448 million			
Is the project in a Service Chief's Unfunded Priority or Unfunded Requirements List? (Yes or No):		No			
If yes, ranking:		Amount:	\$		

DoD or service program manager:		Jacob Hinchman		Phone:	
Office name:	Program Director, AAR		Email:		
Other DoD point of contact/advocate:		Robert Matthews		Phone:	
Office name:	Program Manager, Air Force Materiel Command, Aeronautical Systems Center		Email:		

Purpose of project (limit to 250 words and be as accurate and concise as possible— this language will be shared with the Senate Appropriations Committee. You may also submit a separate white paper with more detail on the project):

The Air Force is executing an Automated Aerial Refueling (AAR) program demonstrating the feasibility of autonomous refueling for current and next-generation Air Force manned and unmanned aircraft. Providing real-time, precise navigation parameters between and among airborne tankers and single or multiple UAVs is a key enabling technology for AAR. RelNav has already been successfully demonstrated in a controlled stand alone environment with manned aircraft. Integration of the demonstration RelNav software algorithms into production inertial navigation system (INS/GPS) flight hardware and subsequent AAR demonstration is currently funded. However, the design, engineering, integration and testing of algorithms meeting the critical Air Force safety, reliability and operational readiness is not currently funded.

Does the request meet an official DoD or service requirement? If so, cite official requirement documents and attach copies if available.

The requested funding would accelerate final development and qualification of the AAR/RelNav system to meet critical operational demands allowing Next Generation and Unmanned Air Vehicles (UAVs) to execute Automated Aerial Refueling.

Proposed bill and/or report language requested:

"The committee notes the Air Force's successful efforts in early demonstration of AAR/RelNav. The potential for AAR/RelNav technology to significantly advance next generation and unmanned aircraft operations, reduce costs and improve performance for all DOD aircraft is very promising. The committee therefore provides an increase of \$5.0M in FY10 to accelerate the development and qualification of AAR/RelNav technology."

Please list industry, academic, and government partners:

Rockwell Collins

Ohio University

Will this request be submitted to other Senate or House offices? If so, please list:

Senator Orrin G. Hatch

Congressman Jim Matheson

Congressman Jason Chaffetz

Congressman Rob Bishop

Have, or will, committee staff be approached regarding this project? If so, please list staff member AND committee.

Has funding previously been requested for this project?

New effort.

If yes, please fill out the following table as far as applicable (Previous appropriations for AAR program):

Year and amount requested	Was funding provided? If so, amount:
FY 2009: PE# 0604830F (Automated Air-to-Air Refueling)	\$9.89 million
FY 2007: PE# 0604015F (Next Generation Long Range Strike)*	\$15 million
* Initial proof of concept demonstration was done as part of the Next Generation Long Range Strike (NGLS) program.	

Please provide a budget breakdown for the amount requested, including locations where funding will be spent:

The \$5.0M requested for FY10 will be used to accelerate final development and qualification of the AAR/RelNav system:

1. Qualify RelNav algorithm design into flight hardware to meet Air Force requirements and specifications for safety, reliability and operational readiness (\$2.8M).
2. Conduct integration and testing of the AAR/RelNav system (\$.9M).
3. Conduct in-flight demonstrations and certifications (\$1.3M).

ADDENDUM

**Senator Robert F. Bennett Appropriation Disclosure Requirements
Fiscal Year 2010**

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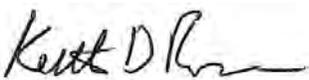
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Note: A signed addendum must be returned for **each appropriations request submitted** for Fiscal Year 2010.

Project Name: Automated Composite Technologies and Manufacturing Center

Head of the organization making request: Name: Keith Ross

Title: Senior Vice President, General Counsel

Signature: 

Date: April 2, 2009

Senator Robert Bennett FY2010 Defense Authorization and Appropriation Request Form

If submitting multiple requests:	Priority #	2	of	4		Date:	3/6/2009
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Company/organization:		Alliant Techsystems (ATK)					
Address where majority of the work is to be performed:		Freeport Center, Building C14					
City:	Clearfield	State:	UT	Zip:	84016		
Corporate point of contact:	Michael Blair						
Phone:		Email:					
Lobbyist point of contact:	Erin Neal						
Phone:		Email:					

Project name:		Automated Composite Technologies and Manufacturing Center Defense Production Act Title III Program					
Is this a request for an appropriation, authorization, or both?		Both					
Proposed funding agency:		Department of Defense, Defense Production Act (DPA) Purchases					
Account:	Defense Production Act (DPA) Purchases	Budget line number [from DoD exhibit O-1, P-1, or R-1]:			TBD		
Line title:	Defense Production Act Title III Program (Automated Composite Technologies and Manufacturing Center)	Program Element number:			N/A		
Is this project funded in the President's budget request? (Yes or No):		No	If yes, amount:	\$			
Funding request:		\$ 10,000,000					
Is the project in a Service Chief's Unfunded Priority or Unfunded Requirements List? (Yes or No):		No					
If yes, ranking:		Amount:	\$				

DoD or service program manager:		Bill Brown			Phone:	
Office name:	Defense Production Act Program Office, WPAFB, OH	Email:				
Other DoD point of contact/advocate:		Jim Sutton			Phone:	
Office name:	309 th Maintenance Wing , Hill Air Force Base	Email:				

Purpose of project (limit to 250 words and be as accurate and concise as possible— this language will be shared with the Senate Appropriations Committee. You may also submit a separate white paper with more detail on the project):

Current domestic fiber placement industrial production capacity does not support future military program needs, such as those for the F-35 Joint Strike Fighter (JSF) program. The Automated Composite Technologies and Manufacturing Center (ACTMC) Defense Production Act (DPA) Title III Program was created to increase affordable and assured domestic fiber placement capacity for items essential for national defense. However, the Title III FY2010 budget contains insufficient funds to conclude the current program, which addresses the need to increase domestic fiber placement industrial production capacity.

Military production programs, such as the JSF program, have placed significant demands on the market for fiber-placed composite products, far exceeding current domestic market supply. The \$36 million Title III ACTMC project was initiated to scale-up enhanced fiber placement processing technologies. To date, \$20 million in program funding has been provided, focused on acquisition and implementation of fiber placement and tape-laying processing head technologies, including new equipment and support facilities. The project has also included evaluation and modification of current automated production processing capabilities, as well as qualification of new equipment and facilities. At the conclusion of this project, to be co-located with Hill Air Force Base, a world-class center of excellence for fiber placement and tape-laying composite aircraft manufacturing technologies will be created, augmenting Hill's repair depot capabilities. Government benefits include: (a) Sufficient domestic fiber placement industrial capacity to support critical military programs, (b) Higher performing composite processing equipment, and (c) Maintenance of domestic defense production capacity of technically challenging composite parts.

Does the request meet an official DoD or service requirement? If so, cite official requirement documents and attach copies if available.

The stated mission of the DPA Title III Program is to "create assured, affordable, and commercially viable production capabilities and capacities for items essential for national defense." By stimulating private investment in key production resources, Title III has helped to:

- o Increase the domestic supply and quality, while reducing the cost of advanced materials and technologies needed for national defense, and
- o Reduce U.S. dependency on foreign sources of supply for critical materials and technologies, while strengthening the economic and technological competitiveness of the U.S. defense industrial base.

Title III activities serve to lower defense acquisition and life-cycle costs and to increase defense system readiness and performance through the use of higher quality, lower cost, and technologically superior materials and technologies.

Proposed bill and/or report language requested:

None required

Please list industry, academic, and government partners:

Hill Air Force Base

Will this request be submitted to other Senate or House offices? If so, please list:

Senator Hatch

Representative Rob Bishop

Have, or will, committee staff be approached regarding this project? If so, please list staff member AND committee.

Absolutely, Erik Raven and Brian Potts (SAC-D)

Has funding previously been requested for this project?	Yes
If yes, please fill out the following table as far as applicable	
Year and amount requested	Was funding provided? If so, amount:
FY2009 - \$12.0M requested	\$5.0M appropriated
FY2008 - \$12.0 M requested	\$10.0 appropriated

FY2007 - \$12.0 M requested	\$5.0 M appropriated
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Please provide a budget breakdown for the amount requested, including locations where funding will be spent:

FY2010 funding would be used to complete:

- o Acquisition of fiber-placement equipment and autoclave capacity,
- o Facility modification, including acquisition of necessary equipment, and
- o Facility and equipment qualification testing.

All work will be done in Clearfield, Utah

ADDENDUM

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Fiscal Year 2010**

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Project Name: AutoScan (AS) Under Vehicle Inspection (UVIS)

Head of the organization making request: Name: Colleen Atwood Riley

Title: President/CEO

Signature: Colleen Atwood Riley

Date: March 25, 2009

Senator Robert Bennett FY2010 Defense Authorization and Appropriation Request Form

If submitting multiple requests:	Priority #	1	of	1		Date:	March 4, 2009
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Company/organization:		Kachemak Research Development (KRD), Inc.					
Address where majority of the work is to be performed:		59584 East End, Homer, AK					
City:	Homer	State:	AK	Zip:	99603		
Corporate point of contact:	Colleen Atwood Riley						
Phone:		Email:					
Lobbyist point of contact:	Kenneth Lee						
Phone:		Email:					

Project name:		AutoScan (AS) under vehicle inspection (UVIS)					
Is this a request for an appropriation, authorization, or both?		Appropriation					
Proposed funding agency:		Department of Defense					
Account:	OSD, Nuclear and Conventional Physical Security Equipment	Budget line number [from DoD exhibit O-1, P-1, or R-1]:			P-162		
Line title:	RDT&E	Program Element number:		0603161D8Z			
Is this project funded in the President's budget request? (Yes or No):		No	If yes, amount:	\$			
Funding request:		\$ 6,300,000					
Is the project in a Service Chief's Unfunded Priority or Unfunded Requirements List? (Yes or No):		No					
If yes, ranking:		Amount:	\$				

DoD or service program manager:		Walter Waltz			Phone:	
Office name:	Air Force Research Laboratory			Email:		
Other DoD point of contact/advocate:		Michael Toscano			Phone:	
Office name:	ODATSD (NCB)/Nuclear Matters			Email:		

Purpose of project (limit to 250 words) and be as accurate and concise as possible— this language will be shared with the Senate Appropriations Committee. You may also submit a separate white paper with more detail on the project):

As part of the inspection protocol at every military base, conus and oconus, the undercarriage of every delivery vehicle must be inspected. Standard inspection protocols have been comprised of a mirror on a stick or search pits. AutoScan makes it possible for inspection personnel to maintain a safe stand-off. Additionally, it stores images for later comparison and analysis if needed. And it provides one, complete, clear image in real-time. AutoScan is a stationary under vehicle inspection system that captures the entire undercarriage image of vehicles, ranging in size from passenger vehicles to semi-trucks. Because of the unique capabilities of AutoScan, vehicles do not need to maintain a constant speed as they travel across the system. Funds will be used for enhancements and beta testing of AutoScan generation 2 and 3 architecture of, an under vehicle inspection system developed by KRD. The new system will give units anomaly detection

systems which will assist in the identification of security threats placed under vehicles. Additional improvements will be made to provide for robotic use of the system. This development would allow personnel to maneuver the system in advance to search under vehicles parked on or alongside roads. The addition of robotics will make the system maneuverable and greatly enhance its field capabilities.

Does the request meet an official DoD or service requirement? If so, cite official requirement documents and attach copies if available.

Yes

Proposed bill and/or report language requested:

AS UVIS

Please list industry, academic, and government partners:

N/A

Will this request be submitted to other Senate or House offices? If so, please list:

Senator Murkowski

Representative Don Young

Representative Rob Bishop

Senator Begich

Have, or will, committee staff be approached regarding this project? If so, please list staff member AND committee.

Has funding previously been requested for this project?	Yes
If yes, please fill out the following table as far as applicable	
Year and amount requested	Was funding provided? If so, amount:
	FY 2007 \$3,500,000
	FY 2006 \$5,000,000

Please provide a budget breakdown for the amount requested, including locations where funding will be spent:

Of the \$6.3M, roughly 25% will go to administrative support within OSD and the contracting agency. The remaining 75% of the funding, \$4.7M, will cover labor: \$2,700,000; materials (including equipment and fabrication) \$500,000; benefits \$550,000; OH \$450,000; technical consulting \$235,000; \$65,000 travel; \$200,000 installation and beta testing of generation 2 and 3 AutoScan before fielding.

Approximately 80% of the funding will be spent in Alaska and 20% in Utah.

ADDENDUM

Senator Robert F. Bennett Appropriation Disclosure Requirements Fiscal Year 2010

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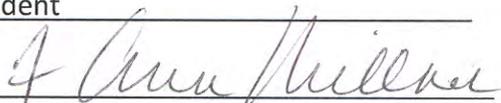
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Project Name: Aviation Initiative Lab

Head of the organization making request: Name: F. Ann Milner

Title: President

Signature: 

Date: 3 April 2009

Senator Robert Bennett FY2010 Defense Authorization and Appropriation Request Form

If submitting multiple requests:	Priority #	1	of	4
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Date:	March 6, 2009
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Company/organization:		Weber State University			
Address where majority of the work is to be performed:		4018 University Circle			
City:	Ogden	State:	UT	Zip:	84408
Corporate point of contact:	Brad Mortensen				
Phone:		Email:			
Lobbyist point of contact:	Spencer Stokes				
Phone:		Email:			

Project name:		Aviation Initiative Lab			
Is this a request for an appropriation, authorization, or both?		Appropriation			
Proposed funding agency:		Defense			
Account:		Budget line number [from DoD exhibit O-1, P-1, or R-1]:			
Line title:		Program Element number:			
Is this project funded in the President's budget request? (Yes or No):		No	If yes, amount:	\$	
Funding request:		\$ 1,450,000			
Is the project in a Service Chief's Unfunded Priority or Unfunded Requirements List? (Yes or No):		No			
If yes, ranking:		Amount:	\$		

DoD or service program manager:				Phone:	
Office name:		Email:			
Other DoD point of contact/advocate:				Phone:	
Office name:		Email:			

Purpose of project (limit to 250 words) and be as accurate and concise as possible— this language will be shared with the Senate Appropriations Committee. You may also submit a separate white paper with more detail on the project):

In March 2008 Weber State University launched the WSU Aviation Initiative. This initiative aims to serve the nation's aviation and aerospace industries by conducting contracted applied research for aviation industry partners and clients. The WSU Aviation Initiative offers solutions for technical problems, employing engineers and scientists who apply their knowledge to contemporary aviation issues.

In one year, the initiative has partnered with regional and national clients to address important applied research projects. Partners for completed and underway projects include ATK, Barnes Aerospace, Curtiss-Wright, Parker Aerospace, Sky West Airlines, the United States Air Force, and the Utah Test and Training Range. With a growing track-record of

delivering results, we anticipate the workload of the WSU Aviation Initiative to increase. In addition, growth in the Northern Utah aerospace sector, including the development of the largest enhanced-use lease in the DoD, Falcon Hill, on the west side of Hill Air Force Base, will also result in additional demand for WSU Aviation Initiative services.

The Aviation Initiative Lab has been located in existing facilities on the WSU Ogden Campus. We are now in process of procuring equipment to meet the complex demands of our client base, as well as gaining necessary security levels and clearances required for an increasing number of projects. Congressional investment in lab infrastructure will position the WSU Aviation Initiative Lab to better serve the growing complexity of the Northern Utah aerospace sector as a vital component of the United States efforts to maintain aviation supremacy.

Does the request meet an official DoD or service requirement? If so, cite official requirement documents and attach copies if available.

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Proposed bill and/or report language requested:

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Please list industry, academic, and government partners:

Will this request be submitted to other Senate or House offices? If so, please list:

Senator Hatch
Congressman Bishop

Have, or will, committee staff be approached regarding this project? If so, please list staff member AND committee.

Has funding previously been requested for this project?	No
If yes, please fill out the following table as far as applicable	
Year and amount requested	Was funding provided? If so, amount:

Please provide a budget breakdown for the amount requested, including locations where funding will be spent:

Funding will be spent at the Ogden and Davis campuses of Weber State University in Utah (Weber and Davis counties)

ADDENDUM

Senator Robert F. Bennett Appropriation Disclosure Requirements Fiscal Year 2010

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Note: A signed addendum must be returned for **each appropriations request submitted** for Fiscal Year 2010.

Project Name: Beryllium Supply Industrial Base

Head of the organization making request: Name: Michael D. Anderson

Title: President, Beryllium Products

Signature: 

Date: March 24, 2009

Senator Robert Bennett FY2010 Defense Authorization and Appropriation Request Form

If submitting multiple requests:	Priority #	1	of	1		Date:	February 23, 2009
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Company/organization:		Brush Wellman Inc.					
Address where majority of the work is to be performed:		14710 W. Portage River S. Road					
City:	Elmore			State:	OH	Zip:	43410-9502
Corporate point of contact:	Michael Anderson, President, Beryllium Products 6070 Parkland Boulevard Mayfield Heights, OH 44124						
Phone:				Email:			
Lobbyist point of contact	Hugh D. Hanes, 1138 by-the-Shores, Huron, OH 44839						
Phone:				Email:			

Project name:		Beryllium Supply Industrial Base					
Is this a request for an appropriation, authorization, or both?		Appropriation					
Proposed funding agency:		OSD					
Account:	0360D			Budget line number [from DoD exhibit O-1, P-1, or R-1]:	01		
Line title:	DEFENSE PRODUCTION ACT PURCHASES			Program Element number:			
Is this project funded in the President's budget request? (Yes or No):		Yes	If yes, amount:	\$ 19,500,000			
Funding request:		\$ 19,500,000					
Is the project in a Service Chief's Unfunded Priority or Unfunded Requirements List? (Yes or No):		No					
If yes, ranking:			Amount:	\$			

DoD or service program manager:		Mr. Mark Buffler, Program Manager, DPA T. III Program				Phone:	
Office name:	Office of the Secretary of Defense, DUSD(AS&C)/OTT			Email:			
Other DoD point of contact/advocate:		Dr. Paul J. Halpern				Phone:	
Office name:	ODUSD(IA)/FIA (Industrial Policy)			Email:			

Purpose of project (limit to 250 words and be as accurate and concise as possible— this language will be shared with the Senate Appropriations Committee. You may also submit a separate white paper with more detail on the project):

The Beryllium Supply Industrial Base project will ensure the establishment of a domestic production capability for beryllium metal to meet essential national security requirements. Beryllium is a strategic metal, critical to many advanced weapons systems currently in use by the transformational Armed Services. Its unique combination of light weight, stiffness, and thermal properties makes it the material of choice for components and structural applications in systems ranging from surveillance satellites to hand-held infra-red target designators used by ground troops. Beryllium is also used widely in airborne FLIR's, onboard avionics and countermeasures, components on the missile defense system, etc. In November, 2005, a contract was let through the DPA, Title III program to perform the engineering design of a new

primary beryllium facility. Construction began mid-summer 2008 with plant start-up in 2010 and full production in 2011.

Does the request meet an official DoD or service requirement? If so, cite official requirement documents and attach copies if available.

Office of the Secretary of Defense, Fiscal Year (FY) 2009 Budget Estimates, February 2008 – FY 2010 not yet published but contains full budget.

Proposed bill and/or report language requested:

N/A

Please list industry, academic, and government partners:

Company Cost Share = \$23.3 to \$25.0-million

State (Ohio) and Local (Ottawa County) Funding = \$4.665M

Will this request be submitted to other Senate or House offices? If so, please list:

Senators Brown, Casey, Hatch, J. Reed, Sessions, Shelby, Specter, and Voinovich

Representatives R. Bishop, Chaffets, Holden, Kaptur, and Latta

Have, or will, committee staff be approached regarding this project? If so, please list staff member AND committee.

SAC-D – Kate Fitzpatrick & Brian Potts; HAC-D – Tim Prince

Has funding previously been requested for this project?	Yes
If yes, please fill out the following table as far as applicable	
Year and amount requested	Was funding provided? If so, amount:
FY09 \$19.50	\$19.5-million
FY08 \$15.00	\$10.7-million
FY07 \$7.50	\$7.5-million
FY06 \$9.00	\$7.8-million
FY05 \$5.00	\$3.0-million

Please provide a budget breakdown for the amount requested, including locations where funding will be spent:

The total construction cost is \$68 million, including \$20 million in specialty equipment. Approximately \$50 million will be purchased regionally (Toledo, Cleveland, and Columbus primarily), with the vast majority being bought in the Toledo area. Following is the total expenditure on the project:

Funding Source	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	Total
DoD Original Budget		6.000	7.500	7.500	7.500	7.500			36.000
Congressional Plus-ups	3.000	1.800		3.200					8.000
DoD Budget Increase					12.000	12.000	7.000		31.000
BWI Cost Share	0.000	0.100	0.000	4.405	10.444	5.239	1.437	1.643	23.268
Total	3.000	7.900	7.500	15.105	29.944	24.739	8.437	1.643	98.268

ADDENDUM

Senator Robert F. Bennett Appropriation Disclosure Requirements Fiscal Year 2010

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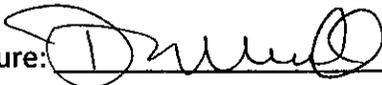
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Note: A signed addendum must be returned for **each appropriations request submitted** for Fiscal Year 2010.

Project Name: **CAD/CAM Aircraft Structural Overhaul Work Centers**

Head of the organization making request: Name: David B. Merrill

Title: President

Signature:  _____

Date: March 26th, 2009

Senator Robert Bennett FY2010 Defense Authorization and Appropriation Request Form

If submitting multiple requests:	Priority #		of			Date:	6 March 2009
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Company/organization:		Mission Support Inc.					
Address where majority of the work is to be performed:		P.O. 160135, Freeport Center Building Z-15					
City:	Clearfield	State:	Utah	Zip:	84016		
Corporate point of contact:		Mr. David Merrill, President					
Phone:				Email:			
Lobbyist point of contact		Mr. James P. Gallagher, Commonwealth Consulting Corporation					
Phone:				Email:			

Project name:		CAD/CAM Aircraft Structural Overhaul Work Center					
Is this a request for an appropriation, authorization, or both?		Both					
Proposed funding agency:		Department of Defense					
Account:	RDT&E	Budget line number [from DoD exhibit O-1, P-1, or R-1]:			P-1 (#118)		
Line title:		A-10 Squadrons		Program Element number:		0207131	
Is this project funded in the President's budget request? (Yes or No):				No	If yes, amount:	\$	
Funding request:				\$2,500,000			
Is the project in a Service Chief's Unfunded Priority or Unfunded Requirements List? (Yes or No):				No			
If yes, ranking:		Amount:		\$			

DoD or service program manager:		Mr. Gary Hebert, Chief Engineer			Phone:			
Office name:	A-10 System Program Office			Email:				
Other DoD point of contact/advocate:				Phone:				
Office name:				Email:				

Purpose of project (limit to 250 words and be as accurate and concise as possible– this language will be shared with the Senate Appropriations Committee. You may also submit a separate white paper with more detail on the project):

Structural overhaul for mature aircraft is largely accomplished with tooling and fixtures designed for assembly work during the original manufacture of the aircraft. This tooling is expensive to store, transport, calibrate, and utilize for overhaul of aircraft structures at Department of Defense (DoD) aircraft depots. Computer-aided Design/Computer Aided Manufacture (CAD/CAM) technology has reduced costs, shortened turn-around times, and improved quality in the manufacture of new aircraft for DoD.

The program will build upon a successful exploratory program for B-52 engine structural overhaul to enable the Hill Air Force Base

(AFB) A-10 System Program Office and Mission Support Inc. to identify existing structural overhaul requirements for the A-10 that have extensive tooling requirements or are experiencing delays associated with tooling availability. The Government-industry team will develop new repair procedures utilizing CAD/CAM technology to reduce the requirement for tooling during overhaul and a series of structural overhauls will be conducted utilizing the new procedures and they will be evaluated for their ability to reduce costs and shorten turn around times.

Does the request meet an official DoD or service requirement? If so, cite official requirement documents and attach copies if available.
No. However, the DoD and the Military Services have an abiding and implicit requirement to be able to perform structural overhaul for mature/aging aircraft even (and especially) when the original aircraft tooling and fixtures are not existent or optimized.

Proposed bill and/or report language requested:

Please list industry, academic, and government partners:
Mission Support Inc.
A-10 System Program Office, Hill Air Force Base, Utah

Will this request be submitted to other Senate or House offices? If so, please list:
Office of Congressman Rob Bishop (UT-1)

Have, or will, committee staff be approached regarding this project? If so, please list staff member AND committee.
We intend to brief appropriate Committee Staff on this program.

Has funding previously been requested for this project?	No
If yes, please fill out the following table as far as applicable	
Year and amount requested	Was funding provided? If so, amount:

Please provide a budget breakdown for the amount requested, including locations where funding will be spent:
\$2.5 million in funding will be allocated as appropriate between the USAF's A-10 System Program Office and Mission Support Inc.

ADDENDUM

Senator Robert F. Bennett Appropriation Disclosure Requirements Fiscal Year 2010

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Project Name: Cell Therapy for Treatment of Traumatic Injury to the Brain and Spinal Cord, and Other Neurodegenerative Disease in Military Veterans

Head of the organization making request: Name: Deborah Eppstein

Title: President and CEO

Signature: Deborah Eppstein

Date: May 7, 2009

Senator Robert Bennett FY2010 Defense Authorization and Appropriation Request Form

If submitting multiple requests:	Priority #	1	of	1
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Date:	March 26, 2009
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Company/organization:		Q Therapeutics			
Address where majority of the work is to be performed:		615 Arapeen Drive, Suite 102 and University of Utah			
City:	Salt Lake City	State:	UT	Zip:	84108
Corporate point of contact:		Deborah Eppstein			
Phone:				Email:	
Lobbyist point of contact		none			
Phone:				Email:	

Project name:		Cell Therapy for Treatment of Traumatic Injury to the Brain and Spinal Cord, and Other Neurodegenerative Disease in Military Veterans			
Is this a request for an appropriation, authorization, or both?		Both			
Proposed funding agency:		Department of Defense			
Account:	Defense Health Program	Budget line number [from DoD exhibit O-1, P-1, or R-1]:		line 30	
Line title:		DHP RDT&E	Program Element number:		0603002A
Is this project funded in the President's budget request? (Yes or No):			No	If yes, amount:	\$
Funding request:			\$ 2.6 million		
Is the project in a Service Chief's Unfunded Priority or Unfunded Requirements List? (Yes or No):			No		
If yes, ranking:		Amount:		\$	

DoD or service program manager:		Julie Buchanan		Phone:	
Office name:	Congressionally Directed Medical Research Program		Email:		
Other DoD point of contact/advocate:			Phone:		
Office name:			Email:		

Purpose of project (limit to 250 words and be as accurate and concise as possible– this language will be shared with the Senate Appropriations Committee. You may also submit a separate white paper with more detail on the project):

America's Military Veterans suffer from debilitating injuries and diseases of the brain and spinal cord at much higher rates than the general population. Over 150,000 veterans

are living with disability from traumatic brain injury (TBI) and spinal cord injury; 31% of recent admissions to Walter Reed were for TBI. Lou Gehrig's Disease (Amyotrophic Lateral Sclerosis, ALS), which destroys motor neurons resulting in paralysis then death within 3-5 years, is twice as prevalent among military veterans. There are no effective treatments for these debilitating injuries/disease, with tremendous toll on patients and their families and significant government expense.

Q Therapeutics, a small cell-therapy company, is developing Q-Cells®, a novel product to treat debilitating diseases of the brain and spinal cord. Q-Cells have the ability to do what traditional drugs cannot: this natural cell-based therapy interacts with damaged nerves to restore function. Q-Cells offer the promise of Regenerative Medicine by replacing the support cells necessary to keep nerves alive and healthy.

Prior to human trials, Q-Cells must be manufactured to FDA guidelines and shown to be safe and effective in animal models. Studies in animal models conducted by Q and collaborators at leading universities (Johns Hopkins, Drexel) have shown substantial benefits in mobility or survival with no harmful effects in animal models of traumatic injury as well as ALS. Q and University of Utah have developed a process to produce Q-Cells to meet FDA guidelines. Q is seeking funding to manufacture Q-Cells and conduct further animal testing needed to enable clinical testing.

Does the request meet an official DoD or service requirement? If so, cite official requirement documents and attach copies if available.

No

Proposed bill and/or report language requested:

Cell Therapy for Treatment of Brain and Spinal Cord Damage in Military Veterans

Please list industry, academic, and government partners:

Q Therapeutics and University of Utah (Salt Lake City, UT)

Drexel University (PA), Johns Hopkins University (MD)

Will this request be submitted to other Senate or House offices? If so, please list:

Senator Orrin Hatch

Have, or will, committee staff be approached regarding this project? If so, please list staff member AND committee.

Amber Sechrist

Clint Satterthwaite

Has funding previously been requested for this project?	No
If yes, please fill out the following table as far as applicable	
Year and amount requested	Was funding provided? If so, amount:

Please provide a budget breakdown for the amount requested, including locations where funding will be spent:

We are requesting \$2.6 million out of a total project cost of \$5.5 million in 2010, to further advance development of Q-Cells to enable clinical trials in the most expeditious time frame.

Q Therapeutics, Salt Lake City, UT: Total of \$1.75 million: \$1 million for personnel and laboratory space/expansion (animal surgery room and care facility, surgery specialist, 2 biologists, project manager, clinical coordinator); \$270,000 for supplies (laboratory animals, media, cell culture reagents and plasticware); \$400,000 for equipment (microscope with staining and imaging automation, biosafety cabinet and cell culture incubators); \$80,000 for laboratory equipment service contracts).

University of Utah, Salt Lake City, UT: Total of \$850,000: \$500,000 for manufacturing of cellular therapeutic (Cell Therapy Facility); \$350,000 for animal safety studies and assessment of efficacy in traumatic brain and spinal cord injury models (Departments of Pharmacology and Toxicology; Neurology).

ADDENDUM

Senator Robert F. Bennett Appropriation Disclosure Requirements
Fiscal Year 2010

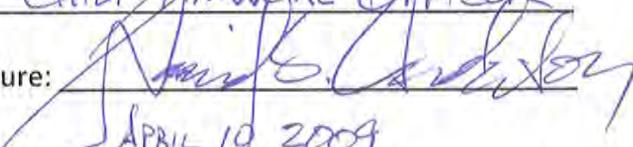
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Project Name: _____ Composite Tail Rotor Blade _____

Head of the organization making request: Name: DAVID S. ANDERSON
Title: CHIEF FINANCIAL OFFICER
Signature: 
Date: APRIL 10, 2009

Senator Robert Bennett FY2010 Defense Authorization and Appropriation Request Form

If submitting multiple requests:	Priority #	1	of	1		Date:	February 26, 2009
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Company/organization:		Radius Engineering					
Address where majority of the work is to be performed:		Work will be performed in conjunction with Goodrich Corp., Riverside, CA					
City:	Salt Lake City,			State:	Utah	Zip:	84119
Corporate point of contact:		Dave Anderson, Chief Financial Officer					
Phone:					Email:		
Lobbyist point of contact:		Krister Holladay					
Phone:					Email:		

Project name:		Composite Tail Rotor Blade					
Is this a request for an appropriation, authorization, or both?		Appropriations					
Proposed funding agency:		Department of Defense					
Account:	Army RDT&E			Budget line number [from DoD exhibit O-1, P-1, or R-1]:		157	
Line title:		Aircraft Modifications/Product Improvement Programs			Program Element number:		PE 0203744A
Is this project funded in the President's budget request? (Yes or No):				No	If yes, amount:	\$	
Funding request:				\$ 4.8 million			
Is the project in a Service Chief's Unfunded Priority or Unfunded Requirements List? (Yes or No):				TBD			
If yes, ranking:				Amount:	\$		

DoD or service program manager:		Richard Tyler, Deputy Apache Program Manager			Phone:		
Office name:	Apache Helicopter			Email:			
Other DoD point of contact/advocate:					Phone:		
Office name:				Email:			

Purpose of project (limit to 250 words and be as accurate and concise as possible— this language will be shared with the Senate Appropriations Committee. You may also submit a separate white paper with more detail on the project):

Composite cellular technology will combine the proven technology of Aluminum cellular bonded structural configuration with the added benefits of composite material properties. Aluminum is a well-characterized isotropic material while composite materials offer the additional benefits of lighter weight and better fatigue resistance. Combining this innovative structural configuration with improved composite material will result in

considerable benefits to the war-fighter, including lighter weight, ballistic damage tolerance, and greater durability.

Composite cellular tail rotor blade technology offers significant advantages over conventional and emerging composite structures. The cellular design enhances the aeroelastic performance of the rotor blade, which decreases rotor system vibrations and significantly lowers life cycle costs. Two-piece interlocking structure allows composite rotor blades to be structurally optimized and fabricated using a greater spectrum of materials and manufacturing methods. Composite innovations will help maintain U.S. leadership in high performance military aircraft structures while providing high value advanced technology manufacturing jobs.

Does the request meet an official DoD or service requirement? If so, cite official requirement documents and attach copies if available.

The Army has expressed an interest in development of this technology.

Proposed bill and/or report language requested:

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Please list industry, academic, and government partners:

Goodrich Corporation

Will this request be submitted to other Senate or House offices? If so, please list:

Cong. Ken Calvert (R-CA), Sen. Orrin Hatch

Have, or will, committee staff be approached regarding this project? If so, please list staff member AND committee.

N/A

Has funding previously been requested for this project?	No
If yes, please fill out the following table as far as applicable	
Year and amount requested	Was funding provided? If so, amount:

Please provide a budget breakdown for the amount requested, including locations where funding will be spent:

\$4.8 million would be used to fund design, development, fabrication, and testing by Goodrich Corporation in California, Radius Engineering in Utah, and Georgia Tech Research Institute in Georgia.

ADDENDUM**Senator Robert F. Bennett Appropriation Disclosure Requirements
Fiscal Year 2010**

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Project Name: Electromagnetic Protection of Composite Airframe Structures

Head of the organization making request: Name: George Hansen

Title: President

Signature: 

Date: MARCH 25, 2009

Senator Robert Bennett FY2010 Defense Authorization and Appropriation Request Form

If submitting multiple requests:	Priority #	1	of	1		Date:	5 March 2009
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Company/organization:		Conductive Composites Company					
Address where majority of the work is to be performed:		855 South 600 West					
City:	Heber City			State:	Utah	Zip:	84032
Corporate point of contact:		George Hansen					
Phone:					Email:		
Lobbyist point of contact		Ted Lynch					
Phone:					Email:		

Project name:		Conductive Composites Nano-Materials Scale-Up Initiative					
Is this a request for an appropriation, authorization, or both?		Appropriations and Authorization					
Proposed funding agency:		Defense Wide					
Account:	Procurement Defense Wide PDW			Budget line number [from DoD exhibit O-1, P-1, or R-1]:		Line 1	
Line title:		Defense Production Act Purchases - Line 1		Program Element number:			
Is this project funded in the President's budget request? (Yes or No):			No	If yes, amount:	\$0		
Funding request:			\$ \$4,250,000				
Is the project in a Service Chief's Unfunded Priority or Unfunded Requirements List? (Yes or No):			No				
If yes, ranking:	N/A	Amount:	\$0				

DoD or service program manager:		Mark Buffler			Phone:	
Office name:	OSD Office of Technology Transition			Email:	[redacted]	
Other DoD point of contact/advocate:					Phone:	
Office name:				Email:		

Purpose of project (limit to 250 words and be as accurate and concise as possible— this language will be shared with the Senate Appropriations Committee. You may also submit a separate white paper with more detail on the project):

The purpose of this project is to create the domestic production capacity needed to supply electromagnetic shielding materials for critical military weapons platforms. This project will apply the Defense Production Act Title III to the Department of Defense's requirement for an affordable domestic supply of conductive composites. The project will scale up domestic production, complete necessary qualification testing, and expand the application of these materials to a broad range of weapons platforms.

Does the request meet an official DoD or service requirement? If so, cite official requirement documents and attach copies if available.

N/A

Proposed bill and/or report language requested:

The Committee recommends that \$4,250,000 be appropriated in FY 2010 for the Defense Production Act Title III program only for the scale up domestic production capacity for conductive composite materials.

Please list industry, academic, and government partners:

N/A

Will this request be submitted to other Senate or House offices? If so, please list:

Senator Hatch
 Congressman Chaffetz

Have, or will, committee staff be approached regarding this project? If so, please list staff member AND committee.

No

Has funding previously been requested for this project?	No
If yes, please fill out the following table as far as applicable	
Year and amount requested	Was funding provided? If so, amount:
N/A	

Please provide a budget breakdown for the amount requested, including locations where funding will be spent:

Upgrade to full production capacity - \$1.5M; Production Capacity Expansion - \$1.0M;
 Product Qualification Testing - \$500K; Operating Capital for Start Up - \$750K; Market Expansion \$500K -----
 Total \$4.25M

ADDENDUM

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Fiscal Year 2010**

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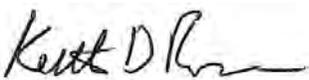
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Project Name: Covert Long-range Illuminating Marker

Head of the organization making request: Name: Keith Ross

Title: Senior Vice President, General Counsel

Signature: 

Date: April 2, 2009

Senator Robert Bennett FY2010 Defense Authorization and Appropriation Request Form

If submitting multiple requests:	Priority #	4	of	4		Date:	3/6/09
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Company/organization:		Alliant Techsystems (ATK)					
Address where majority of the work is to be performed:		9160 N Highway 83					
City:	Corinne	State:	UT	Zip:	84301		
Corporate point of contact:	Jared Olson						
Phone:		Email:					
Lobbyist point of contact	Erin Neal						
Phone:		Email:					

Project name:		Covert Long-rang Illuminating Marker (CLIM)					
Is this a request for an appropriation, authorization, or both?		Both					
Proposed funding agency:		Navy					
Account:	RDTE, Navy	Budget line number [from DoD exhibit O-1, P-1, or R-1]:			TBD		
Line title:	Power Projectile Applied Research	Program Element number:		0602114N			
Is this project funded in the President's budget request? (Yes or No):		No	If yes, amount:	\$			
Funding request:		\$ 2,000,000					
Is the project in a Service Chief's Unfunded Priority or Unfunded Requirements List? (Yes or No):		No					
If yes, ranking:		Amount:	\$				

DoD or service program manager:		Michael Deitchman			Phone:	
Office name:	Office of Naval Research	Email:				
Other DoD point of contact/advocate:					Phone:	
Office name:		Email:				

Purpose of project (limit to 250 words and be as accurate and concise as possible– this language will be shared with the Senate Appropriations Committee. You may also submit a separate white paper with more detail on the project):

The Navy and Marine war-fighter lacks an effective all terrain, all weather, standoff, covert target tagging, tracking, and locating capability, and has identified this as a capability gap. ATK has utilized internal research and development dollars to develop related technologies, resulting in a Covert Long-range Illuminating Marker, which would effectively this gap.

Safely marking targets from a standoff distance is an identified war fighting capability gap as described in the 2007 *Naval S&T Strategic Plan*. Laser designation, pyrotechnics, and chalk are the current widely used target marking practices. However, none of these methods are covert, nor are they effective in all terrain or weather conditions.

ATK has developed non-toxic, non-pyrotechnic chemiluminescent formulations that glow in the visible and/or the near

infrared region of the electromagnetic spectrum. (Chemiluminescence is the emission of light with limited emission of heat as the result of a chemical reaction.) ATK calls its chemical technology the Covert Long-range Illuminating Marker (CLIM). In demonstrated prototype rounds, ATK's CLIM formulations were packaged into a 40-mm grenade, and delivered to the target using a grenade launcher. In these tests, targets marked were illuminated for one minute and visible from a mile away.

There is insufficient federal funding available to develop production-ready covert target tagging, tracking, and locating capability rounds that can be launched from a variety of launch platforms. An additional \$2 million in RDT&E, Navy funds would be used to further develop the CLIM rounds, and to demonstrate their effectiveness by launching them from a variety of platforms.

Does the request meet an official DoD or service requirement? If so, cite official requirement documents and attach copies if available.

Safely marking targets from a standoff distance is an identified war fighting capability gap. For example, the 2007 *Naval S&T Strategic Plan* (www.onr.navy.mil/about/docs/0703_naval_st_strategy.pdf) defines thirteen naval science and technology focus areas. For one of these focus areas, *Power Projection*, rapid tactical precision targeting is specifically identified as a war fighting and support function that should be advanced with additional investment (p. 5). For another focus area, *Assure Access and Hold at Risk*, tagging, tracking, and locating technologies is also identified as a means by which to achieve a battlespace shaping objective (p. 13).

Proposed bill and/or report language requested:

None required.

Please list industry, academic, and government partners:

N/A

Will this request be submitted to other Senate or House offices? If so, please list:

Senator Hatch

Representative Rob Bishop

Have, or will, committee staff be approached regarding this project? If so, please list staff member AND committee.

Absolutely, Arun Seraphin (SASC), Erik Raven and Brian Potts (SAC-D)

Has funding previously been requested for this project?

No

Please provide a budget breakdown for the amount requested, including locations where funding will be spent:

70% - salaries for labor and program support
30% - materials

All work will be completed at ATK facilities in Promontory and Magna, Utah.