

**En Bloc Amendments to H.R. 1735**  
**National Defense Authorization Act for Fiscal Year 2016**  
 Wednesday, April 29, 2015

Tactical Air and Land Forces Subcommittee		
En Bloc # 1		
Log #	Sponsor	Description
003r2	Byrne & Walorski	Directs the Secretary of the Air Force to provide a briefing on acquisition and contracting strategies for Air Force Fire Emergency Services and Personal Protective Equipment contracts.
057r1	Scott	Directs the Secretary of the Air Force to provide a briefing on the potential utility of an integrated EO/IR capability on Next Generation JSTARS development program.
169	Sanchez	Directs the Secretary of the Army to submit a report in regards to the potential transition of the Lethal Miniature Aerial Munition System to a program of record.
170r2	Brooks	Directs the Secretary of Defense to provide a briefing on the potential implications and impacts of proposed new vehicle handling requirements posed by the Consumer Product Safety Commission by Sep 9, 2015.
177	Heck	Directs the Secretary of the Army to provide a briefing on the Army's plans to modernize all remaining M2A2-ODS Bradley Fighting vehicles.
192	Smith	Expresses concern with the Army not fielding Joint IED Analysis Tool (JIST) after spending more than \$10 million developing it, and directs the Inspector General to investigate and report on the decisions related to development of the software and the decision not to field it.
197	Walz	Directs the Secretary of the Army to provide a briefing on the potential force structure changes and production programs necessary to achieve a pure fleet of M1 Abrams tanks across the Army

**En Bloc Amendments to H.R. 1735**  
**National Defense Authorization Act for Fiscal Year 2016**  
Wednesday, April 29, 2015

<b>Log #</b>	<b>Sponsor</b>	<b>Description</b>
215r1	Larsen	Directs Secretary of the Navy to report on efforts to reduce noise from the F414 engine through the use of chevron attachments.
250	Peters	Directs the Secretary of the Army to provide a briefing on all Army RDT&E undertaken in the last five years on technologies that may improve the range and endurance of tactical vehicles without increasing fuel demand.
306	Thornberry	Directs the Secretary of the Army to provide a briefing on the status of the M3 Multi-role Anti-armor Anti-tank Weapon System (MAAWS).

Log 003 r2

Cosponsor

## Amendment Offered by Mr. Byrne and Mrs. Walorski

H.R. 1735—National Defense Authorization Act for Fiscal Year 2016

In the appropriate place in the report, insert the following:

[Air Force Fire Emergency Services and Personal Protective Equipment]

[The committee understands the most recent contract award for Air Force Fire Emergency Services (FES) Personal Protective Equipment (PPE) was cancelled in its entirety due to the need for the Air Force to take corrective action under a Government Accountability Office (GAO) protest. Therefore, the committee directs the Secretary of the Air Force to provide a briefing to the House Committee on Armed Services by July 1, 2015 that details the current acquisition strategy for Air Force FES PPE. The briefing should provide the justification for how the Air Force determined that the Defense Logistics Agency Fire and Emergency Services Equipment Tailored Logistics Support Program contract does not meet the requirements of the Air Force and discuss why the Air Force made the determination for setting aside for small business manufacturing meets the requirements of the Federal Acquisition Regulation (FAR) 19.502-2(b).]

## Amendment Offered by \_Rep. Austin Scott

### H.R. 1735—National Defense Authorization Act for Fiscal Year 2016

In the appropriate place in the report, insert the following:

New DRL provision (separate from current Next Generation JSTARS DRL)

*Next Generation Joint Surveillance Target Attack Radar System Electro-Optical, Infrared Sensor Capability*

*The committee believes that the Air Force should consider, as part of the requirements for the Next Generation Joint Surveillance Target Attack Radar System (JSTARS), an integrated electro-optical / infrared (EO/IR) capability. The committee notes that such a system could assist with precise identification of targets at extended ranges, which would provide tactical advantages to deployed forces. The committee further notes that EO/IR capability is already in very high demand and that adding this capability to Next Generation JSTARS may enable the platform to provide additional intelligence support capability. The committee directs the Secretary of the Air Force to provide, not later than March 1, 2016, a briefing to House Committee on Armed Services on the potential utility of an integrated EO/IR capability on Next Generation JSTARS aircraft. The briefing should also include the potential cost and schedule impacts of adding such a capability to the Next Generation JSTARS development program.*

## AMENDMENT TO H.R. 1735 OFFERED BY MS. SANCHEZ

At the appropriate place in the report accompanying H.R. 1735, insert the following:

### *Lethal Miniature Aerial Munition System*

The committee notes the Army's goal of improving infantry squad capability through a variety of means, including precision weapons with increased ranges compared to current systems. The committee is aware of the effectiveness of the Lethal Miniature Aerial Munition System (LMAMS) currently fielded in the United States Central Command Theater of operations and supports the potential distribution of this capability across Army infantry units. Therefore, the committee directs the Secretary of the Army to submit a report to the House Committee on Armed Services not later than March 1, 2016 on potential transition of the LMAMS to a program of record. The report should include information on the performance of the system to date, the cost of expanding its issue to more units, and operational suitability and effectiveness issues with the system.

Log 170r2

## Amendment Offered by Mr. Brooks

H.R. 1735—National Defense Authorization Act for Fiscal Year 2016

To be inserted in the appropriate place in the report:

### Recreational Off-highway Vehicle Briefing

The committee understands the Consumer Product Safety Commission (CPSC) has proposed more restrictive vehicle handling requirements for recreational off-highway vehicles (ROVs). The committee notes the military services procure ROVs in limited quantities for specific military applications and missions, and further notes these new regulations may have potential impacts on current Department ROV programs. Therefore, the committee directs the Secretary of Defense to brief the House Committee on Armed Services by September 9, 2015 on the potential implications and impacts these new vehicle handling requirements posed by the CPSC could have on current Department ROV programs.

## Amendment Offered by Dr. Heck

### H.R. 1735—National Defense Authorization Act for Fiscal Year 2016

In the appropriate place in the report, insert the following:

#### Bradley Fighting Vehicles

The committee is aware that the US Army is working to standardize its fleet of Bradley Fighting Vehicles to two digital configurations; the M2A3 and the M2A2 ODS-SA. The committee understands that the majority of Active Duty and National Guard units are equipped with the most advanced versions of these vehicles that include digitized fire control and communications systems. The committee is aware that two units in particular, the 11th Armored Cavalry Regiment and the Nevada National Guard, as well as several other active duty Brigade Engineer Battalions are equipped with the least modernized M2A2-ODS variant.

The committee acknowledges that the Bradley Family of Vehicles, to include the M2A2 ODS, M2A2 ODS-SA, and M2A3, share the same materiel engineering and construction with no differences in protection or survivability and that all three variants are deployable for combat. The committee is concerned that soldiers in the units M2A2 ODS versions lack the technical proficiency necessary to operate the advanced Bradley vehicles utilized in combat operations. The committee is concerned that this could degrade combat effectiveness and pose additional risk to units who deploy with the older Bradley variant.

The committee understands that the Army provides new equipment training for units scheduled to fall in on equipment with unfamiliar capabilities upon deployment to combat theaters of operation. The committee also understands that the Army maintains a program of record for remanufacturing M2A2-ODS Bradley's that ceased production in 2014 and notes that the budget request did not include funding to modernize these remaining vehicles. As such, the committee directs the Secretary of the Army to brief the House Armed Services Committee not later than February 15, 2016 on what resources would be required to maintain the readiness and technical proficiency of these units as well as current and long terms plans for modernizing the remaining vehicles.

**An Amendment by Mr. Smith of Washin,**

In the appropriate place in the bill, insert the following directive report language:

***Joint Improvised Explosive Device Analysis Tool***

*The committee is concerned that the Army decided not to field Joint Improvised Explosive Device Analysis Tool (JIST) software after spending more than \$10.0 million developing it in conjunction with the Joint Improvised Explosive Device Defeat Organization (JIEDDO). While the committee understands that the Army intends to use an existing software program currently resident in the Distributed Common Ground Station-Army (DCGS-A) program to partially meet the requirement for improvised explosive devices (IED) forensic analysis, the committee believes that the critical nature of the enduring IED threat likely demands a dedicated software analysis tool to fully meet intelligence analysis requirements. Elsewhere in this Act, the committee recommends a provision that would require the Army to detail its plans for competition of selected DCGS-A components as part of the DCGS-A Increment 2 program. The committee expects the Army to include IED forensic analysis tools as part of any DCGS-A Increment 2 competition plans. In addition, the committee directs the Inspector General of the Department of Defense to deliver a report, not later than March 1, 2016, to the House Committee on Armed Services regarding JIEDDO's and the Army's processes and decisions that led to the development of JIST software and the subsequent decision not to field it.*

## Amendment Offered by Mr. Walz

H.R. 1735—National Defense Authorization Act for Fiscal Year 2016

To be inserted in the appropriate place in the report:

### M1 Abrams Tank Fleet Configuration

The committee notes that the M1A2 System Enhancement Program (SEP) v2 Abrams tank is the Army's premier ground combat system and has demonstrated its value on the battlefields of Iraq. Its built-in test system ensures that diagnosis and repair are fast and efficient, improving combat availability and saving operational costs. Improved digital displays provide tank commanders and crews with a better understanding of their tank's operational status and their situation on the battlefield.

However, despite the capabilities of the M1A2 SEP v2, the committee is aware that the Army maintains two configurations of Abrams tanks, and believes that this dual configuration is inefficient and increasingly expensive. The committee further notes that all Armor Brigade Combat Teams (ABCT) in the active component are equipped with M1A2 SEP v2 tanks, but that only two out of seven ABCTs in the National Guard are equipped with new M1A2 SEP v2 tanks. The other five ABCTs in the National Guard, and the three separate Combined Arms Battalions, are equipped with less-capable M1A1 Situational Awareness (SA) tanks. Finally, the committee also notes that the Army intends to begin fielding a new version of the M1 Abrams tank, the M1A2 SEP v3, in 2018. The committee understands that this tank will be an incremental improvement from the M1A2 SEP v2 and retain significant commonality.

The committee believes that the Army should take advantage of upcoming changes to its ABCT force structure to achieve a pure fleet of M1A2 SEP v2 tanks across both the active duty Army and Army National Guard. The committee believes that maintaining only one type of tank in the Army will reduce support and training costs, allow better integration the Army National Guard, and provide a more capable overall tank fleet for the Army. The committee directs the Secretary of the Army to provide a briefing to the House Armed Services Committee, not later than January 30, 2016, on the potential force structure changes and production programs necessary to achieve a pure fleet of M1 Abrams tanks across the Army.

Log 215r1

## Amendment Offered by Mr. Larsen

H.R. 1735—National Defense Authorization Act for Fiscal Year 2016

In the appropriate place in the report, insert the following:

### ***F414 Engine Noise Reduction Research and Development***

*The committee supports DOD efforts to reduce noise-related injuries and conditions that impact significant numbers of active-duty and former members of the military. Specifically, the committee supports ongoing Navy research and development efforts related to the F414 engine, which is used in the F/A-18 E/F Super Hornet and EA-18G Growler aircraft. The committee notes, however, that testing conducted by the Navy in October 2014 using chevron engine nozzle attachments did not achieve the hoped for noise reduction results. The committee directs the Secretary of the Navy to provide a briefing not later than September 30, 2015 to the House Committee on Armed Services on the status of F414 engine noise reduction research and development activities. The briefing should include details on recent F414 engine noise reduction efforts and other Navy noise reduction research and development activities and programs.*

## Amendment Offered by Rep. Scott H. Peters

H.R. 1735—National Defense Authorization Act for Fiscal Year 2016

In the appropriate place in the report, insert the following:

### Army Energy Efficiency Research and Development Programs

The committee is aware that the Army has numerous research and development efforts in the area of reducing energy use across the Army. However, the committee seeks to better understand the totality of the Army's efforts. The committee directs the Secretary of the Army to provide a briefing to the House Committee on Armed Services no later than April 1, 2016 on all Army RDT&E undertaken in the last 5 years on technologies that may improve the range and endurance of tactical vehicles without increasing fuel demand. The briefing should also include RDT&E efforts involving auxiliary power units, batteries, and other engine technologies for running 'hotel' loads and surveillance systems during silent watch. Finally, the briefing should include information on any ongoing efforts or future plans for incorporating these technologies into programs of record or new acquisitions. For all systems described, the briefing should identify funding amounts and requirements.

# Log 306

## Amendment Offered by Mr. Thornberry of Texas

H.R. 1735—National Defense Authorization Act for Fiscal Year 2016

In the appropriate place in the report, insert the following:

### M3 Multi-role Anti-armor Anti-tank Weapon System

The Fiscal Year 2016 budget request contained \$7.5 million in Procurement, Army Ammunition, for M3 Multi-role Anti-armor Anti-tank Weapon System (MAAWS) Carl Gustaf High Explosive/High Explosive Dual Purpose combat and target ammunition and a sub-caliber training system to support annual training and maintain a war reserve inventory in accordance with the Army's total munitions requirements. The committee is encouraged that the Army is finalizing a Program of Record for M3 MAAWS and synchronizing program activities for Type Classification of combat and training ammunition, the M3 and lightweight M3A1 gun variants, as well as leveraging acquisition and logistics functions with U.S. Special Operations Command. The committee encourages the Army to complete system Type Classification and finalize its training sustainment strategy to include annual ammunition requirements, as well as virtual training and MILES training requirements for selected bases and training centers. To enhance the committee's oversight of this important effort, the committee directs the Secretary of the Army to brief the House Committee on Armed services on the status of the M3 MAAWS program by October 1, 2015.