



## News from Congressman Mike Simpson

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### **Simpson Secures Funding for Treasure Valley Projects**

*Funding secured for F-35s, BSU, and American Semiconductor*

WASHINGTON, D.C. – Idaho Congressman Mike Simpson, a member of the House Appropriations Committee, has secured funding for various Idaho projects, including the 3-D Technology for Advanced Sensor Systems at Boise State University. This bill also includes funding for the F-35 Joint Strike Fighter. The funding is part of the Conference Report for the FY2010 Defense Appropriations Bill. The legislation passed the House with a final vote of 395-34.

“Cutting edge technology is essential to our military, especially to our men and women in the field,” said Simpson. “Idahoans design and produce state-of-the-art devices that will be of great benefit to our military troops. I am proud to support the ongoing research to help our troops.”

The bill contains funding for the following Idaho projects:

**\$2,000,000 for 3-D Technology for Advanced Sensor Systems at Boise State University.** This project will continue to develop 3-D processing techniques on silicon and LTCC platforms. These include technologies for die- and wafer-scale bonding and 3-D interconnects. These techniques will be applied to create 3-D integration and packaging solutions applicable to a general category of high performance sensor systems. The military has a need for new 3-D packaging of electronic systems, particularly sensor systems for portable applications, allowing the soldier in the field to be more effective.

**\$3,200,000 for Domestic Manufacturing of 45nm Electronics (DOME) at American Semiconductor Inc.** This program will deploy a new foundry capability to address the most critical electronics sourcing issue faced for secure supply of advanced Department of Defense integrated circuits in 2012 and beyond. DOME is an Air Force sponsored initiative to implement a 45nm state-of-the-art wafer fabrication capability to meet current and future system requirements for fabrication of specialized integrated circuits in a broadly available foundry capacity to serve DOD. Defense system requirements are often highly specialized and include capability beyond that of standard commercial devices due to their unique operational environments. This advanced process technology enables higher speed, lower power electronics that are of vital importance to the military and intelligence communities. The DOME program will deliver the capability to manufacture semiconductors at the most advanced technology node currently in production, 45nm, at an American run on-shore facility optimized for the DoD.

This bill also provides \$6.2 billion in funding for the purchase of thirty F-35 Joint Strike Fighters. The Idaho Air National Guard and Mountain Home Air Force Base are under consideration for the F-35 Joint Strike Fighter training and support and operations missions, respectively.

The bill is expected to be approved by the U.S. Senate sometime this weekend. This is the last of the 12 appropriations bills to be passed by Congress, and marks the completion of the appropriations process for FY2010.

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