



Aerospace and Defense Asks 2011

Support the Orion Multi-Purpose Crew Vehicle Program

- The 2010 NASA Authorization Act – endorsed by bi-partisan majorities in Congress and signed by the President – directs NASA to continue development of a Multi-Purpose Crew Vehicle using the Orion contract, workforce, design, systems and safety features
- The Orion program supports more than 1,000 high-tech jobs in Colorado, and thousands more indirectly across the state.
- Orion will provide safe and reliable human space access for multiple missions beyond low Earth orbit on our ultimate journey to Mars
- The first Orion crew module is currently in Colorado preparing for space environment testing to support an orbital test flight in 2013 and crewed operations by 2016

Support Ground Based Missile Defense

- Please support President Obama's FY 2012 budget request for the Missile Defense Agency Programs, with emphasis on fully funding the Ballistic Missile Defense Midcourse Defense Segment known as the Ground Based Missile Defense (GMD).

Support the development of the National Oceanic and Atmospheric Administration's (NOAA) Joint Polar Satellite System (JPSS)

- Please support the NOAA's request of \$1.06 billion for the JPSS program in FY 2012.
 - Without adequate funding for the JPSS program, the nation will be threatened by a prolonged period of reduced storm tracking and climate research abilities.
 - Not only does a lack of funding delay the enactment of the JPSS program, but it will also increase the future cost of completion dramatically.

Support Colorado's military and civilian space resources

- Protect and grow Colorado military assets such as Buckley AFB, Peterson AFB, and Schriever AFB, which form a critical part of our national defense and space missions
- Protect and grow Colorado military assets such as the Fort Carson US Army installation.
- Support funding to maintain or expand the NNSA Line Item infrastructure improvement projects such as the Chemical and Metallurgical Research Replacement (CMRR) and TA-55 Reinvestment at Los Alamos National Laboratory, and the Uranium Processing Facility (UPF) at the Y-12 Nuclear Defense Complex. Support the proposal to combine the Y-12 and Pantex M&O contracts for re-competition.
- Support funding for the Cooperative Threat Reduction Program (CTR), and especially the bio-threat reduction program. This includes demilitarization and non-proliferation efforts for legacy systems and facilities in the former Soviet Union, to destroy excess capacity and systems, to provide better security at a reduced and consolidated number of locations, and to provide enhanced detection, response, and force protection for US forces in theater, and for the indigenous populations.

- Continue support of funding for Global Positioning System Operation Control Segment (GPS OCX).
 - Ensure the program is fully funded and on schedule.
 - Raytheon Company, Aurora's largest private employer, was recently awarded an \$886 million contract by the Air Force Space and Missile Systems Center at Los Angeles Air Force Base to develop the ground control segment of the Global Positioning System to improve the accuracy of information from GPS satellites.
 - Boeing is partnered with Raytheon on this project.
- Support increased funding for federal laboratories in Colorado such as NOAA, NREL and NCAR.