

AMENDMENT TO H.R. 6063

OFFERED BY MR. GORDON OF TENNESSEE

Page 13, lines 9 through 11, strike “Administrator and the Administrator of NOAA, shall develop a process for Federal agencies” and insert “Administrator, the Administrator of NOAA, and other relevant stakeholders, shall develop a process”.

Page 16, line 10, insert “involving NASA, universities, industry, and other research organizations as appropriate,” after “establish an initiative”.

Page 17, line 7, insert “, and shall work to increase the degree of involvement of external organizations, and especially of universities, in the fundamental aeronautics research program” after “Civil Aeronautics”.

Page 21, lines 4 and 5, strike “assess, and make recommendations regarding,” and insert “make recommendations regarding”.

Page 21, after line 7, insert the following new paragraph:

- 1 (2) make recommendations for and monitor de-
- 2 velopment and implementation of processes for

1 transitioning research and development from NASA
2 and the Federal Aviation Administration to external
3 entities for further development as appropriate;

Page 21, lines 8 and 17, redesignate paragraphs (2) and (3) as paragraphs (3) and (4), respectively.

Page 21, lines 8 and 9, strike “assess, and make recommendations regarding,” and insert “make recommendations regarding”.

Page 21, line 24, strike “paragraphs (1) and (2)” and insert “paragraphs (1), (2), and (3)”.

Page 26, line 13, strike “scientific” and insert “human”.

Page 27, line 20, insert “nongovernmental organizations,” after “private sector,”.

Page 28, line 9, insert “, Mars, and other solar system bodies” after “to the Moon”.

Page 30, line 2, insert “To the extent affordable and practical, the program should pursue the goal of launches at every Mars launch opportunity, leading to an eventual robotic sample return.” after “future human exploration.”.

Page 32, after line 13, insert the following new section:

1 **SEC. 508. OUTER PLANETS EXPLORATION.**

2 It is the sense of Congress that the outer solar system
3 planets and their satellites can offer important knowledge
4 about the formation and evolution of the solar system, the
5 nature and diversity of these solar system bodies, and the
6 potential for conditions conducive to life beyond Earth.
7 NASA should move forward with plans for an Outer Plan-
8 ets flagship mission to the Europa-Jupiter system or the
9 Titan-Saturn system as soon as practicable within a bal-
10 anced Planetary Science program.

Page 34, line 15, strike “and”.

Page 34, line 21, strike the period and insert “;
and”.

Page 34, after line 21, insert the following new paragraph:

11 (3) provide the results of the assessment to the
12 Committee on Science and Technology of the House
13 of Representatives and the Committee on Commerce,
14 Science, and Transportation of the Senate not later
15 than 18 months after the date of enactment of this
16 Act.

Page 42, line 5, insert “, attaching a tracking device,” after “rendezvousing with”.

Page 42, line 13, strike “The Director” and insert “Not later than 2 years after the date of enactment of this Act, the Director”.

Page 45, line 13, insert “CREWED VEHICLE DEMONSTRATION PROGRAM” after “COTS”.

Page 45, line 19, insert “of the amounts authorized under section 101(a)(3), and for future fiscal years,” after “full funding”.

Page 49, line 17 insert “The results of the review shall be provided to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate not later than 18 months after the date of enactment of this Act.” after “laboratories elsewhere.”.

Page 56, after line 2, insert the following new sections (and amend the table of contents accordingly):

1 SEC. 1107. COMMERCIAL SPACE LAUNCH RANGE STUDY.

2 (a) STUDY BY INTERAGENCY COMMITTEE.—The Di-
3 rector of OSTP shall work with other appropriate Federal
4 agencies to establish an interagency committee to conduct
5 a study to—

1 (1) identify the issues and challenges associated
2 with establishing a space launch range and facilities
3 that are fully dedicated to commercial space mis-
4 sions in close proximity to Federal launch ranges or
5 other Federal facilities; and

6 (2) develop a coordinating mechanism such that
7 States seeking to establish such commercial space
8 launch ranges will be able to effectively and effi-
9 ciently interface with the Federal Government con-
10 cerning issues related to the establishment of such
11 commercial launch ranges in close proximity to Fed-
12 eral launch ranges or other Federal facilities.

13 (b) REPORT.—The Director shall, not later than May
14 31, 2010, submit to the Committee on Science and Tech-
15 nology of the House of Representatives and the Committee
16 on Commerce, Science, and Transportation of the Senate
17 a report on the results of the study conducted under sub-
18 section (a).

19 **SEC. 1108. NASA OUTREACH AND TECHNOLOGY ASSIST-**
20 **ANCE PROGRAM.**

21 (a) ESTABLISHMENT.—NASA shall contract with an
22 organization that has demonstrated the ability to partner
23 with NASA centers, aerospace contractors, and academic
24 institutions to carry out a program to transfer the knowl-
25 edge and technology of the space and aeronautics pro-

1 grams to small businesses in communities across the
2 United States. The program shall support the mission of
3 NASA's Innovative Partnerships Program to provide tech-
4 nical assistance through joint partnerships with industry,
5 academia, government agencies, and national laboratories.

6 (b) PROGRAM STRUCTURE.—In carrying out the pro-
7 gram described in subsection (a), the organization shall
8 support the mission of NASA's Innovative Partnerships
9 Program by undertaking the following activities:

10 (1) Facilitating technology transfer to the pri-
11 vate sector to produce viable commercial products.

12 (2) Creating a network of academic institutions,
13 aerospace contractors, and NASA centers that will
14 commit to donating technical assistance to small
15 businesses.

16 (3) Creating a network of economic develop-
17 ment organizations to increase the awareness and
18 enhance the effectiveness of the program nationwide.

19 (c) REPORT.—Not later than 1 year after the date
20 of enactment of this Act, and annually thereafter, the Ad-
21 ministrator shall submit a report to the Committee on
22 Science and Technology of the House of Representatives
23 and the Committee on Commerce, Science, and Transpor-
24 tation of the Senate describing the efforts and accomplish-
25 ments of the program established under subsection (a) in

1 support of NASA's Innovative Partnerships Program. As
2 part of the report, the Administrator shall provide—

3 (1) data on the number of small businesses re-
4 ceiving assistance, jobs created and retained, and
5 volunteer hours donated by NASA, contractors, and
6 academic institutions nationwide;

7 (2) an estimate of the total dollar value of the
8 economic impact made by small businesses that re-
9 ceived technical assistance through the program; and

10 (3) an accounting of the use of funds appro-
11 priated for the program.

12 (d) AUTHORIZATION OF APPROPRIATIONS.—There
13 are authorized to be appropriated to NASA for the pro-
14 gram established under subsection (a), \$4,000,000 for fis-
15 cal year 2009 from the funding available for the Innova-
16 tive Partnerships Program, to remain available until ex-
17 pended.

