

1. AN AMENDMENT TO BE OFFERED BY REPRESENTATIVE
BOEHLERT OF NEW YORK, OR HIS DESIGNEE,
DEBATABLE FOR 20 MINUTES:

Boehlert
Udall

**AMENDMENT TO H.R. 3070, AS REPORTED
OFFERED BY MR. BOEHLERT OF NEW YORK**

**(for himself and Mr. Gordon of Tennessee, Mr. Calvert of
California, and Mr. Udall of Colorado)**

Page 7, line 10, strike "space science and earth science" and insert "space science, earth science and microgravity science".

Page 16, line 25, strike "or Reduction in Force".

Page 17, line 4, insert "(except for cause)" after "separations".

Page 17, line 5, strike "October 1, 2006" and insert "February 16, 2007".

Page 21, line 5, insert "non-aeronautical" after "other".

Page 26, line 21, strike "90 days after the date of enactment of this Act" and insert "February 1, 2006".

Page 29, line 6, strike the period and insert, ", except in cases in which the Administrator has a conflict of interest."

Page 30, line 1, insert ", program reserves," after "cost".



Page 30, line 4, strike “and”.

Page 30, after line 4, insert the following new subparagraph:

1 (D) the plan for mitigating technical,
2 schedule, and cost risks prepared in accordance
3 with subsection (a)(1)(A); and

Page 30, line 5, strike “(D)” and insert “(E)”.

Page 33, line 15, strike “1 year” and insert “18 months”.

Page 33, line 20, insert “An appropriation for the program enacted subsequent to a report being transmitted shall be considered an authorization for purposes of this subsection.” after “by law.”.

Page 34, line 24, strike “\$100,000,000” and insert “\$150,000,000”.

Page 36, line 24, strike “subparagraph” and insert “paragraph”.

Page 37, line 4, strike “to compensate for the maximum probable loss, as”.

Page 37, line 21, strike “from both within and outside the Administration”.



Page 38, line 1, insert “from outside the Administration, including” after “individuals”.

Page 38, line 4, strike “employees, officers, directors, or agents of,” and insert “an employee, officer, director, or agent of”.

Page 38, line 14, strike “Such funds shall not increase the amount of a prize after the amount has been announced pursuant to subsection (d).”.

Page 38, line 19, strike “Funds appropriated for the program” and insert “Notwithstanding any other provision of law, funds appropriated for prize awards”.

Page 39, strike line 3 through line 5 and insert the following:

1 (3) No prize may be announced under sub-
2 section (d) until all the funds needed to pay out the
3 announced amount of the prize have been appro-
4 priated or committed in writing by a private source.
5 The Administrator may increase the amount of a
6 prize after an initial announcement is made under
7 subsection (d) if—

8 (A) notice of the increase is provided in
9 the same manner as the initial notice of the
10 prize; and



1 (B) the funds needed to pay out the an-
2 nounced amount of the increase have been ap-
3 propriated or committed in writing by a private
4 source.

Page 41, line 20, strike “provide” and insert “trans-
mit to the Committee on Science of the House of Rep-
resentatives and the Committee on Commerce, Science,
and Transportation of the Senate”.

Page 43, line 18, insert at the end “Not later than
one year after the date of enactment of this Act, the Ad-
ministrator shall transmit the study to the Committee on
Science of the House of Representatives and the Com-
mittee on Commerce, Science and Transportation of the
Senate”.

Page 44, after line 6, add the following new section:

5 **SEC. 110. SPACE SHUTTLE RETURN TO FLIGHT.**

6 It is the sense of Congress that, in keeping with the
7 President’s Vision for Space Exploration, the Space Shut-
8 tle should return to flight as soon as the Administrator
9 determines that a flight can be accomplished with an ac-
10 ceptable level of safety.

In the table of contents in section 1(b), insert after
the item relating to section 109 the following:

Sec. 110. Space shuttle return to flight.



Page 44, line 24, strike "\$16,471,050,000" and insert "\$16,965,650,000".

Page 45, line 6, strike "and".

Page 45, line 8, strike the period and insert "; and".

Page 45, after line 8, insert the following new subparagraph:

- 1 (D) \$8,900,000 for the Science and Tech-
- 2 nology Scholarship Program.

Page 45, line 10, strike "\$3,181,100,000" and insert "\$3,844,100,000".

Page 45, line 12, strike "\$6,387,300,000" and insert "\$6,218,900,000".

Page 45, line 17, strike "\$16,962,000,000" and insert "\$17,726,800,000".

Page 46, line 2, strike "\$3,589,200,000" and insert "\$4,514,000,000".

Page 46, line 4, strike "\$6,007,700,000" and insert "\$5,847,700,000".

Page 47, line 14, strike "each such Committee" and insert "the Committee on Science of the House of Representatives and the Committee on Commerce, Science and Transportation of the Senate".



Page 49, line 13, strike “Each year” and insert “Not later than March 1 of each year”.

Page 50, line 7, insert “study titled ‘Assessment of Options for Extending the Life of the Hubble Space Telescope’” after “after National Academy of Sciences”.

Page 50, line 10, insert “the Administrator shall determine” after “Space Shuttle,”.

Page 50, line 12, strike “shall be determined”.

Page 54, lines 11 and 12, strike “the Under Secretary of Commerce for Oceans and Atmosphere and”.

Page 54, line 12, insert “and the Administrator of the National Oceanic and Atmospheric Administration” after “Administrator”.

Page 71, line 11, strike “shall” and insert “may”.

Page 72, strike line 5 and all that follows through line 16, and insert the following:

1 SEC. 440. UNIVERSITY-BASED CENTERS.

2 (a) IN GENERAL.—The Administrator may award
3 grants to institutions of higher education (or consortia
4 thereof) to establish one or more centers for the purpose
5 described in subsection (b).



1 (b) PURPOSE.—The purpose of the centers is to con-
2 duct basic and applied research on the impact of new tech-
3 nologies and procedures, particularly those related to aero-
4 nautical navigation and control.

In the table of contents in section 1(b) strike the item relating to section 440 and insert the following:

Sec. 440. University-based centers.

Page 73, line 15, strike the semicolon and insert “, unless the Administrator transmits a report to the Committee on Science of the House of Representatives and the Committee on Science, Transportation of the Senate prior to awarding a development contract for the Crew Exploration Vehicle, explaining why such a requirement should not be met and the impact of not meeting the requirement on the ISS research agenda and operations;”.

Page 73, line 25, strike “provide sufficient” and insert “require sufficient surge delivery capability or”.

Page 74, after line 10, insert the following new subsection:

5 (d) CENTRIFUGE.—Nothing in this Act shall be con-
6 strued to prohibit the installation of the centrifuge on the
7 ISS.

Page 81, line 15, insert at the end the following:
“As part of the report, the Administrator shall provide



data on minority participation in NASA's education programs, at a minimum in the following categories: elementary and secondary education, undergraduate education, and graduate education."

Page 81, after line 15, insert the following new sections:

1 **SEC. 616. MUSEUMS.**

2 The Administrator may provide grants to, and enter
3 into cooperative agreements with museums and planetar-
4 iums to enable them to enhance programs related to space
5 exploration, aeronautics, space science, earth science, or
6 microgravity.

7 **SEC. 617. REVIEW OF MUST PROGRAM.**

8 Not later than 60 days after the date of enactment
9 of this Act, the Administrator shall transmit a report to
10 Congress on the legal status of the Motivating Under-
11 graduates in Science and Technology program. If the re-
12 port concludes that the program is in compliance with the
13 laws of the United States, NASA shall implement the pro-
14 gram, as planned in the July 5, 2005 National Research
15 Announcement.

In the table of contents in section 1(b), insert after the item relating to section 615 the following:

Sec. 616. Museums.

Sec. 617. Review of MUST program.



Page 82, line 11, strike “(42 U.S.C. 458c)” and insert “(42 U.S.C. 2458c)”.

Page 83, line 17 strike “(2) by striking” and all that follows through line 18.

Page 83, line 19, strike “(3)” and insert “(2)”.

Page 83, line 22, strike “(4)” and insert “(3)”.

Page 83, line 24, strike “(5)” and insert “(4)”.

Page 86, after line 3, add the following new section:

1 SEC. 706. LONG DURATION FLIGHT.

2 No provision of this or any other Act shall be con-
3 strued to prohibit NASA from accommodating the exercise
4 of religion by astronauts engaged in long duration space
5 flight missions.

In the table of contents in section 1(b), insert after the item relating to section 705 the following:

Sec. 706. Long duration flight.

Page 87, line 17, strike “expire” and insert “shall transmit its final report”.

Page 88, line 5, insert “that is owned by the Federal government or” after “humans”.

Page 90, line 3, strike “member” and insert “number”.

